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1928 FALL ANNOUNCEMENT

DUTCH BULBS TULIPS-HYACINTHS

NARCISSI-CROCUS

LILIES - PEONIES - IRIS

Roses, Shrubs, Trees

Vines • Perennial Plants • Lawn Grasses



THIS is not our complete ANNUAL catalog (which we issue the first of each year) but is our AUTUMN price list, devoted principally to Bulbs, Roses, Shrubs, Perennial Plants, Trees and Vines for fall and winter planting. Write for our COMPLETE catalog when you are interested in any of the following items:

Vegetable and Flower Seeds
Oats, Wheat, Field Seeds
Seed Potatoes
Florists' Supplies
Poultry, Bee and Dairy Supplies

WHEN TO ORDER

We issue this catalog in September, but your order placed at any time will go forward in season, as follows:

FLOWERING BULBS—Begin to arrive in September, deliveries being complete by December 1st, except Cannas, Dahlias, Gladioli, etc., which will not be ready until after February 1st.

ROSES—Our large two-year-old field grown roses are ready for delivery from November 15th until May. The earlier you set them out the better they will grow.

FRUIT, SHADE AND ORNAMENTAL TREES AND SHRUBS—We ship these from November until May and recommend fall and early spring planting.

ORDER EARLY—It helps us to please you.



Established
in 1893

Over
35
Years
of
Service
and
Satisfact'n



Diamond
Quality
is
Dependable
Quality

HOW TO ORDER

Send money order, bank draft or registered letter. Include sufficient to pay transportation if shipment is to prepay station or by parcel post. Perishable goods are not sent C.O.D. Please include remittance with order.

PRICES

subject to market changes, although we make no advances unless it seems absolutely necessary. If prices go down, however, we give you the benefit.

PARCEL POST RATES

Seeds and plants weighing 8 oz. or less are available at 1 cent for each 2 oz. or fraction thereof, regardless of zone. Packages weighing over 8 oz. are charged at ZONE rates. Weight limit, 70 lbs. 1st to 3rd zones, 50 lbs. 4th to 8th zones.

Zone	Distance	1st lb. or fraction thereof	Ea. add. lb. or fraction
1-2	to 150 m.	\$.07	\$.01
3	150 to 300 m.	.08	.02
4	300 to 600 m.	.08	.04
5	600 to 1000 m.	.09	.06
6	1000 to 1400 m.	.10	.08
7	1400 to 1800 m.	.12	.10
8	Over 1800 m.	.13	.12

In common with all other responsible seed houses, we sell our goods subject to the disclaimer adopted by the American Seed Trade Association, as follows:

DISCLAIMER NOTICE

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, nursery stock, roots or plants we sell, and will not be in any way responsible for the crop.—Portland Seed Co.

Hyacinths

From early winter to late spring the hyacinths give us pleasure and companionship while other flowers are asleep. We delight in offering imported Holland bulbs of the highest quality and have them in two sizes or grades this season, the A grade being the largest and especially for forcing and pot culture as well as bedding, while the B grade is equally fine in quality for those who do not require the largest exhibition blooms.

Prices for Single or Double Hyacinths

	Each	Dozen	100
A Grade	30c	\$3.25	\$25.00
B Grade	25c	\$2.50	\$19.00

Prices postpaid to fourth zone. Beyond fourth zone add additional postage.

For names of varieties see right hand column.

OUTDOOR CULTURE. The preferable planting season is October, November and December, although good results may be obtained when planted somewhat later. Plant so tops of bulbs are 2 to 3 inches below the surface and 5 to 8 inches apart. Bed must be well drained so bulbs will not rot.

INDOOR CULTURE IN POTS. For winter blooming, plant from September to December, the earlier the better, one bulb to a 4-inch pot or three to a 6-inch, with top half inch below the surface. Cover with litter and keep in dark, cool cellar, watering well until roots are well established. This takes 4 to 6 weeks; after this the bloom is easily developed by giving light, heat and water. One can have flowers from Christmas to Easter by regulating time of bringing to light.

CULTURE IN GLASSES. When growing bulbs in water they should be placed so base of bulb merely touches the water. Then place glass in a cool, dark place until filled with roots, after which bring into the light. Change the water every few days. Give as much fresh air as possible without draughts and keep in temperature of 60 degrees until spikes are well developed.



Bedding Hyacinths, 100 for \$12.50

A superior grade of selected bulbs, especially for planting outdoors for beds, borders or large displays; also very good for forcing. Single distinct colors: pink, red, pure white, yellow, dark blue and light blue. Mention color. Each 15c, doz. \$1.60, 100 \$12.50.

Postpaid to fourth zone, inclusive.



Single Hyacinths

RED AND PINK, SINGLE

General DeWet—Bright pink with a lighter center, large erect spikes, excellent for forcing or bedding.

General Pellisier—Brilliant carmine, compact spike; an early forcer.

Gertrude—Fine rosy pink; large flowers; for forcing or bedding.

Gigantea—Blush pink; giant spikes.

Lady Derby—Rose pink, large compact trusses; for forcing or bedding.

LaVictoire—Brilliant carmine red, forces early; extra fine for bedding.

Mareoni—Bright deep rose, broad trusses; a good forcer; also fine outdoors.

Moreno—Wonderful pink; very large spikes and bells; forces easily.

Queen of Pinks—Lovely pink; large, broad trusses; fine for late forcing.

BLUE, SINGLE

Bismarck—A light sky blue; large truss; excellent for Christmas forcing.

Grand Maitre—Fine deep porcelain blue; attractive for pots as well as bedding.

King of the Blues—A deep glossy violet blue; for bedding and late forcing.

Perle Brilliant—Light blue with lavender tinges; extra large spikes.

Queen of the Blues—Large, clear, light porcelain blue, with silvery sheen.

PURE WHITE, SINGLE

Arentine Arendse—Pure waxy white; long spike, large bells.

LaGrandesse—Snow white; an exhibition variety, for late forcing and bedding.

L'Innocence—One of the earliest; pure white; compact spikes, large bells.

Madame Kruger—Pure white; very large spike and bells; for forcing or bedding.

YELLOW, SINGLE

City of Haarlem—A wonderful bright orange yellow; well formed spikes.

King of the Yellows—Brilliant golden yellow; tall, magnificent spikes.

Yellow Hammer—Pure golden yellow, exhibition variety; forces easily.

VIOLET AND PURPLE, SINGLE

Lord Balfour—Dark lilac; broad, large truss, well set with large bells.

Sir William Mansfield—Bright purple; good large truss; the best of its color.

Double Hyacinths

SELECT NAMED VARIETIES

Large beautiful flowers, although the spikes are not usually as full of bells as the single varieties.

Prices same as on the Single

Bonquet Royal—Pure white, very double.

General Kohler—Bright blue; large spike; extra fine for forcing.

Goethe—Light yellow; strong spike; large, very double bells.

Isabella—Blue white; large spike, beautiful double bells.

President Roosevelt—A lively pink, almost a red.

Single Early Tulips

**Extra Select
Large Solid
Bulbs**

*Detailed planting
directions will
be sent with each
order of tulips
when requested*

All single tulips force easily and some varieties may be had in flower by the end of the year. Any good garden soil will grow them to perfection; no bulb makes so gorgeous a display with so little care.

(The figures after each name indicate height to help in selecting for bedding.) (Prices postpaid, including fourth zone; beyond that add for extra postage.)

WHITE, SINGLE

LaReine (8")—Pure white; for forcing or bedding. Ea. **8c**, doz. **60c**, 100 **\$3.75**.

White Hawk (10")—One of the finest pure white tulips in cultivation. Each **10c**, doz. **80c**, 100 **\$5.25**.

YELLOW, SINGLE

Chrysolora (9")—Pure golden yellow; very early; large and fine. Each **14c**, doz. **\$1.10**, 100 **\$6.75**.

Yellow Prince (9")—Sweet scented, bright yellow. Each **12c**, doz. **\$1.00**, 100 **\$6.25**.

PINK, SINGLE

Pink Beauty (11")—Bright rosy pink, shaded to blush near the yellow center; has no equal in its class for size. Each **20c**, doz. **\$2.00**, 100 **\$13.75**.

Rose Gris DeLin (7")—A beautiful pink. Each **8c**, doz. **65c**, 100 **\$4.25**.

SUPERB MIXED, SINGLE

Especially recommended for mixed beds; many varieties in all colors and shades. Dozen **55c**, 100 **\$3.50**.

SCARLET, SINGLE

Artus (7")—Deep, brilliant scarlet; for forcing or bedding. Each **8c**, doz. **60c**, 100 **\$3.75**.

Belle Alliance (7")—Sweet scented; brilliant scarlet; large flower. Each **11c**, doz. **90c**, 100 **\$5.75**.

Prince of Austria (12")—Very sweet scented; bright orange vermilion outside, brilliant scarlet inside. Each **10c**, doz. **80c**, 100 **\$5.25**.

Vermilion Brilliant (8")—Bright vermilion; one of the largest and most beautiful flowers. Each **12c**, doz. **95c**, 100 **\$6.25**.

VARIEGATED, SINGLE

Cottage Maid (9")—White with pink shaded border. Each **11c**, doz. **90c**, 100 **\$5.75**.

Keizerskroon (15")—Very large scarlet flower with bright yellow edge. Very showy; no other tulip makes such a handsome bed. Ea. **15c**, doz. **\$1.30**, 100 **\$8.75**.

CULTURE

Similar to hyacinths, but they should not be planted quite so deep and 3 to 6 inches apart.

For Outdoors.

Early or late planting does not seem to have much effect on tulips. Plant in fresh, rich soil. Two handfuls of bone meal or sheep guano per sq. yd. is beneficial.

For Indoors. Plant 4 bulbs to a 6-inch pot, treating same as hyacinths.



A border of Keizerskroons

Double Early Tulips

Boule de Neige (Purity)—A pure white, large peony-like flower, one of the earliest; excellent for forcing or bedding. Ea. **11c**, doz. **90c**, 100 **\$5.75**.

Couronne d'Or (8")—Golden yellow, flushed orange; magnificent in beauty and size; upright stems; a fine forcer. Each **14c**, doz. **\$1.10**, 100 **\$6.75**.

Murillo (8")—Delicate blush pink; the most popular of the doubles; forces easily. Each **8c**, doz. **60c**, 100 **\$4**.

Vuurbaak—Dazzling scarlet; unusually large, very double; splendid bedder. Each **14c**, doz. **\$1.10**, 100 **\$6.75**.

Mixed Double Early Tulips—For mixed beds. Dozen **60c**, 100 **\$3.75**.

The double variety of early tulip is a little later in blooming than the early but lasts twice as long and the varieties we list are very fine.

266



286



MIXED GIANT DARWIN BULBS

25 **85c**
for
100 **\$2.50**
for
500 **\$11.25**
for

(Postpaid to 4th zone)

Our special mixture of many varieties and colors, high grade bulbs at a specially low price for those who want to plant mixed beds.

Giant Darwin Tulips

For outside planting they are the most popular, being of giant size, with a majestic beauty distinctly their own; and particularly valuable for garden and landscape effects.

The colorings of Darwin tulips are the most varied and brilliant and their immense globular flowers of perfect form and satiny, wax-like texture, long stems and keeping qualities make them ideal for cutting.

For the best effects plant in clumps or beds of 15 to 25 bulbs of a color, or in the foreground of shrubs, trees or walls. They prefer partial shade, but thrive wonderfully in any location. (Planting tables are given on another page.) They flower in May. Average height is mentioned after name.

Prices are postpaid, including fourth zone; beyond that include extra for postage.

Special Collection of 250 for \$7.50

This is a collection of well known named varieties in six different colors that we suggest for those who are not familiar with Darwin tulips but want a good showing. They are selected from our regular list below.

Postpaid to 4th zone.

50 Clara Butt (pink)
25 Madame Krelage (lilac)
50 Bartigon (scarlet)
50 Farncombe Sanders (scarlet with white center)
50 Pride of Haarlem (salmon)
25 King Harold (deep garnet)
250—Value \$8.35 for **\$7.50**

WHITE

Painted Lady (28")—Creamy white, tinged soft heliotrope. Each **8c**, doz. **55c**, 100 **\$3.50**.

PINKS AND LILACS

Baronne de la Tonnaye (26")—Vivid rose, margined blush rose. Each **8c**, doz. **55c**, 100 **\$3.50**.

Clara Butt (21")—Bright apple blossom pink, slightly flushed salmon rose; for forcing and cut flowers. Each **7c**, doz. **50c**, 100 **\$3.25**.

Dream (27")—Soft lilac, flushed violet, blue base; extra large. Each **9c**, doz. **60c**, 100 **\$4.00**.

Euterpe (28")—Bright silvery lilac, with rose tone, incurved outer petals. Each **8c**, doz. **60c**, 100 **\$3.75**.

Gretchen (23")—Silvery pink, blush inside. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

Massachusetts (26")—Vivid pink, edged rosy white; large flower. Each **8c**, doz. **60c**, 100 **\$3.75**.

Madame Krelage (28")—Bright lilac rose, silvery margined, rose pink inside; long flower. Each **8c**, doz. **50c**, 100 **\$3.25**.

Nora Ware (20")—Silvery lilac, suffused with white; lovely. Ea. **8c**, doz. **65c**, 100 **\$4.25**.

Princess Elizabeth (26")—Deep pink, changing to rose, large. Ea. **8c**, doz. **60c**, 100 **\$3.75**.

Rev. Ewbank (22")—Soft mauve, silvery edged. Each **8c**, doz. **55c**, 100 **\$3.50**.

William Copeland (24")—Bright rose lilac; medium size, but very early forcing. Each **8c**, doz. **60c**, 100 **\$3.75**.

SCARLETS

Bartigon (28")—Dazzling scarlet, white base, deep blue ringed; large shapely flower; one of the best forcing. Each **8c**, doz. **60c**, 100 **\$3.75**.

City of Haarlem (27")—Intense dark scarlet, with darker bloom; a wonderful new flower. Each **30c**, doz. **\$2.25**, 100 **\$15**.

Europe (22")—Salmon scarlet, rose shaded, with white base, strong stem. Each **8c**, doz. **60c**, 100 **\$3.75**.

Farncombe Sanders (25")—Brilliant scarlet, inside cerise, white center marked blue; giant flower. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

Pride of Haarlem (25")—Brilliant salmon rose, shaded scarlet, blue at base, sweet scented. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

Valentin—Clear blue violet, largest and tallest Darwin. Ea. **11c**, doz. **90c**, 100 **\$5.75**.

Victoire d'Oliviere (25")—Deep scarlet; strong stem, large flower; excellent for forcing. Ea. **10c**, doz. **80c**, 100 **\$5.25**.

Wm. Pitt (22")—Dark crimson, with purplish bloom, large, beautiful; fine for forcing. Each **8c**, doz. **55c**, 100 **\$3.50**.

BLACKS

King Harold (24")—Deep garnet with purple black base; strong stem, large flower; prefers shade. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

La Tulip Noire (The Black Tulip) (25")—Dark maroon black, the blackest of all the tulips; large, lustrous flowers; very beautiful. Ea. **12c**, doz. **95c**, 100 **\$6.25**.

Zulu (27")—Velvety black with dark purple edges; large egg-shaped flower. Each **8c**, doz. **65c**, 100 **\$4.25**.

NOTE—The wonderful "City of Haarlem" tulip is lower in price this season. We have a limited stock of it so please order early.



Dutch Breeder Tulips

GIANTS of the TULIP KINGDOM—ROYAL IN COLOR and TEXTURE

Majestic in size, in rich artistic blendings of purple and old gold, brown and violet, bronzy combinations like wonderful velvets in texture and remarkable for lasting qualities the Breeder Tulips are especially suited for garden effects and for cutting. While later than Darwins they surpass in size and vigor and are increasing in popularity every year. Many are sweet scented, all are borne on long stout stems and in this section they often surpass in height and size the figures given below (average height is mentioned after each name).



Try
this
fine
Special

50 Each

Archeron

Bronze King

Bronze Queen

Madras

200 in all

\$9.88 value
for

\$8.00

Postpaid to
4th zone

Bronze Queen, Breeder

Archeron (30")—Dark brownish red, a large velvety flower on stately stem. Each **9c.**, doz. **70c.**, 100 **\$4.50.**

Belle Brunette (28")—Finely formed coffee brown flower, shaded with violet, strong stem. Each **9c.**, doz. **70c.**, 100 **\$4.50.**

Bronze King (28")—Soft olive buff, inside tinged with golden bronze; very aristocratic and stately. Each **12c.**, doz. **95c.**, 100 **\$6.25.**

Bronze Queen (Clio) (28")—Purplish fawn, inside glittering yellowish brown, bright lemon base; a large flower of beautiful form. Each **9c.**, doz. **70c.**, 100 **\$4.50.**

Cardinal Manning (Goliath) (34")—Bishop's purple, flushed rosy bronze verging to almost pure yellow at extreme edges of petals, base tinged yellow; large egg-shaped flower. Ea. **12c.**, doz. **\$1.00.**, 100 **\$6.50.**

Godet Parfait (28")—Bright, clear violet; a long lasting flower on tall, strong stem; exceptionally fine. Each **18c.**, doz. **\$1.40.**, 100 **\$9.00.**

Golden Bronze (26")—Light brownish yellow, with flush of heliotrope, inside deep mahogany brown, rich yellow base. Each **12c.**, doz. **95c.**, 100 **\$6.25.**

Jaune d'Oeuf (26")—Deep lemon chrome, flushed with heliotrope, dark base. Each **12c.**, doz. **95c.**, 100 **\$6.25.**

Louis XIV (32")—Rich, dark purple, heavily flushed bronze, margined golden brown; enormous flower of stately bearing; one of the finest. Each **20c.**, doz. **\$1.50.**, 100 **\$10.00.**

Madras (28")—Dark violet bronze and old gold, inside mahogany tone; long flower of good size. Each **9c.**, doz. **70c.**, 100 **\$4.50.**

Yellow Perfection (26")—Light bronze yellow, edged golden yellow, interior bronzy brown, yellow base, of unusual beauty; the best of the yellows. Each **12c.**, doz. **\$1.00.**, 100 **\$6.50.**

Culture. Plant about 5 inches deep, 5 inches apart or more. Bone meal (three handfuls to the square yard) will benefit greatly. Avoid using other fertilizers. Do not manure. Cover well with leaves over winter.

Prices are postpaid to fourth zone; beyond that add extra for postage.

SELECTED LIST OF BREEDERS



Rembrandt Tulips

This class of tulips is remarkable for its flamed and broken colors, which range from black and deep crimson to rose, lilac and white. They are the broken or rectified forms of the Darwin, very decorative and show best in a bed by themselves. Culture same as the Darwin.

Prices postpaid to 4th zone.

Apollo (24")—Rosy lilac, feathered with white and carmine markings. Each **15c.**, doz. **\$1.25.**, 100 **\$7.75.**

Red Prince (26")—Fiery scarlet red flames on a rosy ground. Exceptionally fine. Each **15c.**, doz. **\$1.35.**, 100 **\$8.50.**

Romeo—Scarlet on a rosy ground, striped with pink and white tone. Ea. **15c.**, doz. **\$1.25.**, 100 **\$7.75.**

Zenobia—Amaranth or purplish red and white, with lilac tints and maroon stripes. Quite unusual. Ea. **15c.**, dozen **\$1.25.**, 100 **\$7.75.**



Use Semesan on your bulbs before planting. It will prevent and control disease and result in larger, better plants and blooms. Write for special information book.

Cottage or May-Flowering Tulips

These tulips come into bloom in May, after the early single varieties. They should be grown in the open ground, and are very hardy and robust. Long, stiff, strong stems, 18 to 24 inches high. Each flower is a marvel of beauty; the colors are delicate and artistic, and they are the best of all tulips for cutting. May-flowering tulips appear at their best in borders, foregrounds of shrubbery or walls, or out-of-the-way corners of the garden where, if left undisturbed they will bloom with increasing beauty for years. Plant about 4 in. deep. Prices are postpaid to fourth zone only.

Gesneriana Lutea (24"). Rich golden yellow; fine large flower and fragrant. Ea. **8c**, doz. **60c**, 100 **\$4.00**.

Gesneriana Spathulata Major. Large, rich crimson, dark center. Ea. **9c**, doz. **70c**, 100 **\$4.50**.

Inglescombe Pink. Salmon pink with a blue base, very brilliant large globular bloom; one of the finest. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

Inglescombe Scarlet. A rich scarlet with a black base; same form and size as the pink. Ea. **10c**, doz. **80c**, 100 **\$5.00**.

Inglescombe Yellow. A glossy canary yellow, large globular flower of perfect form; same shape as the Darwin and may be used as a yellow Darwin. Ea. **8c**, doz. **60c**, 100 **\$4.00**.

Picotee (Maiden's Blush) (24"). Clear white, beautifully margined with bright pink; long, graceful flower with reflexed petals; beautiful for cutting. Ea. **8c**, doz. **50c**, 100 **\$3.25**.

COLLECTION MAY-FLOWERING TULIPS

Fine quality, well assorted colors and varieties. Doz. **60c**, 100 **\$3.50**.

*Plant Inglescombe
Yellow
with your Darwins*

Parrot Tulips

Parrot tulips have immense flowers of brilliant and varied colors, with the petals curiously fringed or cut. They are exceedingly showy and should be in every garden. Very effective when planted in long drifts in front of evergreens. Fine for cut flowers and for house decoration. Prices postpaid to 4th zone only.

Admiral de Constantinople. Deep orange red, streaked with yellow; large size. Ea. **10c**, doz. **75c**, 100 **\$4.50**.

Lutea Major. Golden yellow, lightly suffused scarlet; extra large. Ea. **10c**, doz. **75c**, 100 **\$4.50**.

Mark Graaf. Rich orange inside, scarlet and yellow outside; feathered; extra fine. Ea. **10c**, doz. **75c**, 100 **\$4.50**.

Perfecta. Golden yellow, feathered with deep scarlet, unusually attractive. Ea. **10c**, doz. **75c**, 100 **\$4.50**.

PARROT TULIPS, MIXED. All colors and shades; will make a striking bed. Doz. **60c**, 100 **\$4.00**.



Parrot

Botanical Tulips and Wild Species for the Rock Garden

The great interest in rock gardens and the desire for interesting novelties has created a demand for flowers of the tulip variety, and the varieties described below are especially selected for rock garden use. They are natives of Central Asia and are very attractive in their bright colorings. Prices are postpaid to the 4th zone only.

CLUSIANA—"The Lady Tulip" has outer petals of cherry red, inner petals creamy white, violet base, a small flower of great beauty. Plant in light soil 6 or 9 inches deep, in rock garden or sheltered among the stones in a border. Height 8 inches. Flowers in April. Each **20c**, doz. **\$1.30**, 100 **\$8.50**.

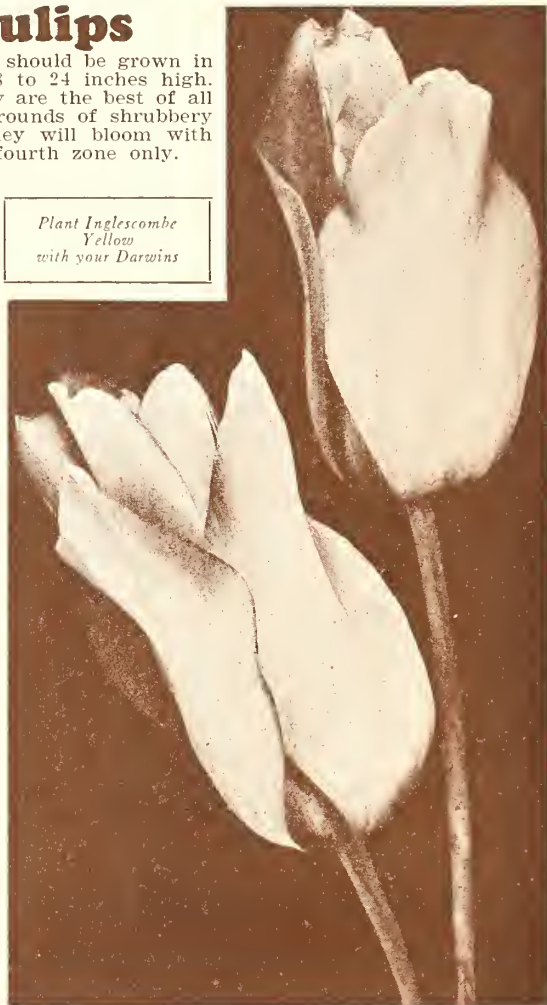
KAUFMANNIANA—The Water Lily Tulip, large sulphur yellow flower with carmine markings. Opens flat, blooming in April. Plant bulbs at least 6 inches deep, in masses under evergreens or shady places. Self-sows itself freely. Height 5 to 7 inches. One of the most beautiful tulips grown. Each **50c**, doz. **\$4.00**.

MARJOLLETIE—Soft primrose, margined with red; a small, elegant tulip flowering in May. Height 14 inches. Ea. **20c**, doz. **\$1.40**, 100 **\$9.00**.

PRAESTANS—Dazzling vermillion, long, large flowers, several on a stem; very showy and especially fine for rockeries. Flowers in late April. Height about 14 inches. Ea. **75c**, doz. **\$6.25**.

VRIDIFLORA—An unusual color for a tulip, green, edged with yellow. Ea. **20c**, doz. **\$1.00**, 100 **\$7.00**.

Cottage Tulip



*Write for Free
book about
Feeding Plants*



Lily-Flowering Tulips

This is a new class of May flowering tulips, the result of crossing the Retroflexa with the Darwin. The flowers have gracefully pointed reflexing petals, resembling a lily and borne on tall strong stems.

Adonis—Vivid rosy red, long finely shaped flower. Each **15c**, doz. **\$1.30**, 100 **\$8.50**.

Retroflexa—A soft honey yellow of unusually attractive urn-shape; one of the most beautiful varieties. Plant a dozen or more among other plants for a charming contrast. Each **15c**, doz. **\$1.00**, 100 **\$6.50**.

Sirene—A satiny-rose with slight white base; forces easily and is very beautiful. Each **15c**, doz. **\$1.00**, 100 **\$6.50**. Prices postpaid to fourth zone.



Crocus

Crocus

The most popular use for these lovely harbingers of spring is to scatter them about in patches on the lawns, simply lifting the turf and inserting about two inches deep. They bloom very early, dying down to the bulb in ample time to miss the lawnmower. Once planted, they remain in the ground and bloom for years. Also used in rockeries, borders and in pots. Plant in the fall.

Prices postpaid to fourth zone.

Mammoth Yellows—Selected bulbs of large size, producing the finest blooms. Three sizes as below: First size—doz. **75c**, 100 **\$4.75**; second size—doz. **60c**, 100 **\$4.00**; third size—doz. **45c**, 100 **\$2.75**.

MIXED VARIETIES CROCUS

Dozen 100

Blue and Purple Mixed.....**30c** **\$2.25**
Striped and Variegated Mixed **30c** **\$2.25**
All Shades and White Mixed.....**30c** **\$2.25**
All Colors Mixed.....**30c** **\$2.25**



Lily Flowering Tulips

NAMED VARIETIES CROCUS

Cloth of Gold—Doz. **60c**, 100 **\$3.75**.

Cloth of Silver—Doz. **60c**, 100 **\$3.75**.

King of the Blues—Dark blue, splendid for forcing. Doz. **50c**, 100 **\$3.25**.

King of the Whites—Snow white, mammoth flowers. Doz. **50c**, 100 **\$3.25**.

King of the Striped—Extra fine for forcing. Doz. **50c**, 100 **\$3.25**.

Purpurea Grandiflora—Bright purple, extra large. Doz. **50c**, 100 **\$3.25**.

Sir Walter Scott—White striped with purple, very large. Doz. **50c**, 100 **\$3.25**.

Varicolored—Fine for rock garden. Doz. **60c**, 100 **\$3.75**.

AUTUMN FLOWERING CROCUS

Zonatus—Rose-lilac with yellow and orange zones, fine for rockery; flower in October. Doz. **95c**, 100 **\$5.75**.

Snow Flake

Snow Flake—A hardy bulbous plant about 1 foot high bearing a matting of dainty flowers, white tipped with green. Closely related to Snowdrop but have larger flowers. Appears at same time as white violet, often has a violet-like odor. Each **15c**, doz. **\$1.20**, 100 **\$7.50**.

Chionodoxa

(Hardy) "Blooms With the Crocuses"

Luciliae (Glory of the Snow)—Forms a mass of brilliant blue and white, in dwarf flower spikes, bearing 12 or more flowers of sky blue with a white heart.

Plant in the fall, 3 inches deep, about 18 bulbs to the foot, in sunny or half shady spot where they will not be disturbed for years. They will reseed and form large colonies. Doz. **60c**, 100 **\$4.00**. Postpaid to fourth zone.

Eranthis

Hyemalis (Winter Aconite)—Small yellow buttercup-like flowers about 3 inches high amid fine frilled green collars. They bloom with the crocuses and re-seed themselves into colonies. Plant about 1 inch deep in shady spots, a dozen or more to the square foot. Dozen **55c**, 100 **\$3.50**. Postpaid to fourth zone.



Freesias

Freesias

Beautiful clusters of fragrant white flowers, popular for pot culture, flowering in winter and spring, readily forced. Plant 4 to 6 in a pot, giving plenty of water and cool location.

Purity—Giant white flowers, trusses of 8 to 10 buds. Doz. **50c**, 100 **\$3.00**.

Special Mixture—Several varieties. Doz. **40c**, 100 **\$2.20**.





**KING ALFRED—King
of Daffodils**

**YELLOW TRUMPET
DAFFODILS**

Golden Spur (1)—Extra large, golden yellow, foliage broad, trumpet deep self yellow, perianth large and spreading. Large bulbs, each **20c**, doz. **\$1.80**, 100 **\$13.50**.

Emperor (3)—Perianth primrose, trumpet deep yellow; one of the finest grown. Large bulbs, each **20c**, doz. **\$1.80**, 100 **\$13.50**.

**Barri
Daffodils**

Conspicuous (Barri) (4)—Large, spreading perianth soft yellow, short yellow cap edged orange scarlet, for borders or naturalizing. Hgt. 21. in. Large bulbs, each **20c**, doz. **\$1.60**, 100 **\$11.50**.



Conspicuous (Barri)



**Double
Daffodils**

Alba Plena Odorata ("The Double White" Poet's Narcissus) (4)—

Double, snow white flowers, exquisitely scented; late flowering; cannot be forced. Fine for cutting. Plant in deep, cool, moist soil.

Large bulbs, ea. **20c**, dz. **\$1.35**, 100 **\$13.50**.



Van Sion

Pot Culture. The bulbs should be planted as soon as received as the earliest plantings insure the finest flowers. In pottings use good turfy loam, but let no manure of any kind touch the bulb. Set in a cool, dark room for a month or two, until well rooted, then remove to the light for flowering. (All bulbs prefer a cool atmosphere. Be careful not to grow them too warm.) Do not cultivate too much as extra vigor of growth injures purity of color.

For succession of bloom, we have numbered the March: No. 2, late March; No. 3, early April; No. 4, late April; No. 5, May.

Outdoor Culture. Plant in early fall if possible but as late as December will give excellent results. Depth to plant is 1½ the depth of the bulb, which gives a covering 2 to 3 inches of soil. Any garden soil not recently manured is satisfactory, but deep, moist loam is best. Dry or sandy ground should be dug deeply, well manured and planted to potatoes for a season first. The best fertilizer is ground bone which can be used with safety on poor, sandy soil.

varieties in their relative earliness. No. 1, early

**Narcissi-
Daffodils**

Daffodils will thrive in any soil and their exquisite perfume, earliness, free blooming and long keeping qualities endear them to everyone. Once planted in the garden or field they need no further attention, but will thrive and perpetuate themselves, increasing in beauty for years. They are very desirable for pot culture. By planting in succession a wonderful display may be enjoyed for several months. Partial shade is preferred but they grow splendidly in any situation.

**BICOLOR TRUMPET
DAFFODILS**

Empress (3)—Perianth snow white, trumpet rich yellow, serrated and flanged edges, of rare beauty, very large. Large bulbs, each **20c**, doz. **\$1.85**, 100 **\$13.50**.

Glory of Sassenheim (1)—An enlarged bicolor Victoria, especially fine. Early forcer. Large bulbs, each **30c**, doz. **\$2.50**, 100 **\$19.00**.

Spring Glory (1)—Clear white perianth, long chrome yellow trumpet, reflexed brim, very large; early. Large bulbs, ea. **30c**, doz. **\$2.50**, 100 **\$19.00**.

Victoria (2)—Creamy white perianth, yellow trumpet; sweet scented, large variety, bold and erect; forces easily. Large bulbs, each **20c**, doz. **\$1.80**, 100 **\$13.50**.

Prices on bulbs prepaid to 4th zone.

Double Trumpet

VanSion (3)—Golden yellow, very fine for forcing, large size, full double trumpet. Height 12 inches. Each **20c**, doz. **\$2.00**, 100 **\$15.50**.

Narcissi Poeticus Varieties

Glory of Lisse—A waxy white, very substantial full round flower of fine shape. Large bulbs, each **20c**, doz. **\$1.45**, 100 **\$9.50**.

Poeticus (Pheasant's Eye) (5)—Pure white flowers, orange cup edged with red, intensifying the whiteness of the blossom. 2 to 2½ inches across, perfectly hardy out-of-doors, blooms year after year; fine for cutting. Does not force. Large bulbs, each **15c**, doz. **\$1.25**, 100 **\$7.75**.

Poeticus Ornatus—Pure white perianth, red margined, broad cup scarlet edged, early; splendid for forcing. Each **20c**, doz. **\$1.40**, 100 **\$9.00**.

Incomparabilis Type

Sir Watkin (2)—"The Giant Chalice Flower" or "Big Welshman". Immense, long stems, flowers of rich light yellow, dark cup, tinted with orange; fine for forcing. Large bulbs, each **20c**, doz. **\$1.30**, 100 **\$13.50**.

JONQUILS

Deliciously sweet scented, bright cheery yellow flowers with rush-like leaves. Plant in quantity for cutting. Campenelle Rugulosis—Improved giant. Each **15c**, doz. **\$1.25**, 100 **\$8.50**.



Poeticus

Sacred Chinese Lily

A variety of narcissus, bearing in lavish profusion silvery white flowers with golden cups, of exquisite beauty and charming perfume. Can be grown in pots, but are more novel and beautiful when grown in shallow bowls of water with enough pebbles to prevent tipping over when in bloom. A dozen bulbs started at intervals will give a succession of flowers throughout the winter. Each **20c**, doz. **\$2.00**.



Chinese Lily



Galanthus

Galanthus [Snow Drops]

The first flower to bloom in the spring producing small but beautiful white blossoms. Plant about one inch apart, setting two or three inches deep. They come up from year to year; should not be moved.

Elwisi—Larger than Nivalis, slower to naturalize. Ea. **10c**, doz. **70c**, 100 **\$4.50**.
Nivalis—Single. Each **8c**, doz. **60c**, 100 **\$4.00**.

Nivalis—Double. Each **11c**, doz. **95c**, 100 **\$6.00**.



Paper White

Polyanthus Narcissus

Paper White Grandiflora—Fragrant flowers of pure white, forces admirably, flowers freely in dense clusters; blooms in December, if potted early. Plant one bulb to a 3-inch pot, four to a 6-inch pot. Can be grown in water. Each **15c**, doz. **\$1.20**, 100 **\$7.50**.

Oxalis

Charming little half trailing or bushy plants, particularly adapted for pot culture and hanging baskets. The foliage alone is very attractive. Each **7c**, doz. **35c**, 100 **\$2.50**.

Ixias

Half hardy, beautiful little low graceful spikes of bloom. Culture same as hyacinths.

Mixed Named Varieties—Doz. **70c**, 100 **\$4.50**.

Mixed Colors—Doz. **60c**, 100 **\$3.75**.



Hardy Japanese Lilies

Lilies planted outdoors during the fall or early spring flower each year from June to October. After bulbs are set out they should remain undisturbed for five or six years. They will increase in size, beauty and number of flowers, with practically no attention, our Coast climate being perfectly suited to their requirements, and once established they rival the famous product of Japan. Place bulbs on side on 2-inch layer of sand, cover with 4 to 6 inches of soil.

Prices are postpaid to 4th zone; beyond that add for extra postage.

Auratum (Golden Banded Lily)—The handsomest and best known of the Japanese lilies. Immense ivory-white flowers with yellow and crimson dots; in the center of each petal is a gold band fading at its edges into white; very fragrant. Bloom June to October. Large bulbs, each **35c**, doz. **\$3.25**.

Auratum Platyphyllum—Similar in color to Auratum, heavily spotted, but much larger. Mammoth bulbs, each **50c**, doz. **\$4.50**.

Henryi—Beautiful orange-yellow flowers with green band, very effective, hardy. Ea. **50c**, doz. **\$4.50**.

Speciosum Album—Pure white, flowers freely. Large bulbs, each **50c**, doz. **\$4.50**.

Speciosum Magnificum—Similar to Melpomene but more vigorous and blooms earlier. Each **35c**, doz. **\$3.50**.

Speciosum Melpomene—Has deep carmine flowers spotted blood red. Each **35c**, doz. **\$3.50**.

Speciosum Rubrum—White with dark rose spots. The most popular of the speciosum varieties. Hardy, vigorous and free bloomer. Large bulbs, each **35c**, doz. **\$3.50**.

Tigrinum Splendens (Improved Single Tiger Lily)—Has very large flowers of excellent form, color orange-salmon with dark spots; hardy and a free bloomer. Large bulbs, each **20c**, doz. **\$2.00**.



Lilium Candidum

(Also known as Madonna Lily, or St. Joseph's Lily.)

This is the ever popular, fragrant snow white, hardy garden lily. It grows four to five feet high and blooms in the open ground in June. The finest obtainable; should be planted early.

Mammoth bulbs, each **35c**, doz. **\$3.50**; select bulbs, each **25c**, doz. **\$2.50**.

Postpaid to fourth zone.



Lilium Candidum

Calla Lilies

Elliotana—Immense yellow trumpet shaped flowers, green leaves mottled with white. Ea. **35c**, doz. **\$3.75**.

Ethiopa (Lily of the Nile)—An old well-known house plant, white trumpet shaped flowers. Ea. **20c**, doz. **\$2.00**.

New Godfrey—Gives three flowers to one of the older variety. Perfect snow-white flowers. Blooms on very small plants. Ea. **30c**, doz. **\$3.00**.



Calla



Regal Lilies

"**Lilium Regale or Myriophyllum**", the most interesting ever discovered. Perfectly hardy, of medium height, often bearing five to eight large handsome blooms. Color white, outer petals shaded in varying amount with pink, the throat suffused primrose-yellow. Delightfully perfumed, reminding one of the jasmine.

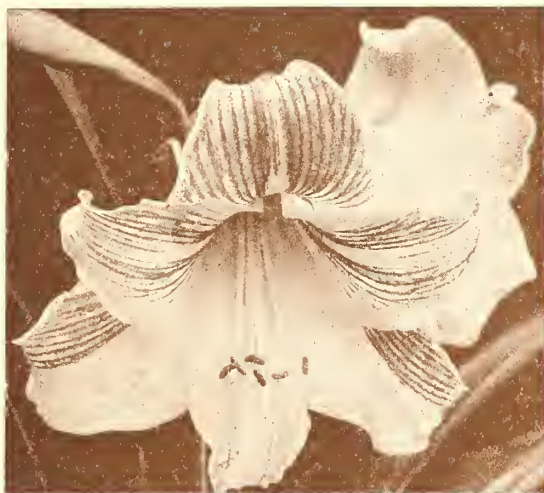
One year size, each **50c**, doz. **\$5.00**; extra large two year size, each **75c**; three year bulbs, each **\$1.25**; postpaid.

Mount Hood Lilies

This is an especially beautiful lily, a native of Oregon and an interesting lily to have in the garden. The flower is large open form, white tinted with lilac, and is very fragrant. Grows 3 to 5 feet high.

Choice bulbs, each **25c**, doz. **\$2.50**; extra blooming size, each **35c**, doz. **\$3.50**; postpaid to fourth zone.





Amaryllis Vittata Hybrids

Amaryllis Vittata Hybrids

Wonderfully beautiful lilies that can be grown easily, either as a pot plant or out-of-doors. The flower stalks are about 18 inches high and have two to six giant flowers of the most perfect form. They flourish in the sun but do even better in partial shade. Outdoors, plant in sandy soil about a foot apart, covering about 4 inches. Indoors, plant in small pots as they seem to flower better when root-bound. We do not know of any flower that will please you more than this and as a house plant it is unsurpassed. It is not hardy.

Named Varieties Mixed Colors only, each **75c**, doz. **\$7.50**, postpaid to fourth zone.

Easter Sunday is
March 31, 1929

Plant
early in
December
for Easter
Blooms

The True Easter Lily

Lilium Longiflorum (Giganteum)—Of grand size and substance, hardy and especially fine for the open ground as well as for pots. Pure white, fragrant, trumpet-shaped flowers 6 to 8 inches long. Plant early in December for Easter blooming. Large bulbs, each **35c**, doz. **\$3.50**.



Lily of the Valley

Grape Hyacinths

Muscaria Botryoides—Very pretty, early spring blooming bulbous plants, succeeding well anywhere. Flowers resemble a miniature hyacinth. Color blue. Each **7c**, doz. **50c**, 100 **\$3.50**.

Anemones

The Caen—Varied colors, shading from light blue to brilliant scarlet, for forcing. Mixed only. 2 year, ea. **15c**, doz. **\$1.00**, 100 **\$6.50**; 1 yr., ea. **10c**, doz. **80c**, 100 **\$5.00**.

St. Brigid—Many lovely shadings, including pink, rose, purple, lavender, violet, scarlet, crimson, white and others. Easily grown and bloom freely. Plant in spring or fall. Mixed only. Each **10c**, doz. **80c**, 100 **\$5.00**.



Grape Hyacinth

Ranunculus

Among dwarf flowers these are unrivaled for their vivid and gorgeous colors. Fine for winter pot plants and make an attractive addition to the border or flower garden in summer. Mixed.

Giant French—2 year roots, each **10c**, doz. **80c**, 100 **\$5.00**; 1 yr. roots, each **8c**, doz. **60c**, 100 **\$4.00**.

Lily of the Valley

One of the most satisfactory and charming Spring flowering plants, producing in profusion its delicate bell-shaped, fragrant white flowers; thrive in any common soil, are perfectly hardy, and will succeed in shady situations. If left undisturbed in the open ground, they will increase from year to year, and are charming in beds or borders around the lawn. Pips—Doz. **75c**, 100 **\$5.00**, postage extra.

Scilla [Squills]

One of the prettiest dwarf early spring blooming bulbs, producing sprays of exquisite drooping bell-like flowers. Hardy.

Campanulata—White. Ea. **10c**, dz. **80c**, 100 **\$5**. Campanulata—Blue. Ea. **3c**, dz. **60c**, 100 **\$3.75**. Campanulata—Rosea. Ea. **12c**, dz. **95c**, 100 **\$6**. Siberica—Blue. Each **10c**, doz. **80c**, 100 **\$5.25**.





HARDY IRIS

Also known as German Iris, Liberty Iris, Bearded Iris, Fleur de Lis or Flag Lilies.

The growing of the Iris is greatly increasing each year on account of their rare beauty as well as ease of growing. They are hardy, drouth resisting; they come at a time when the garden needs their color, they bloom the first season after planting and soon form wonderful big clumps which are easily divided and transplanted.

Cultivation is easy; sunny situation needed; soil dry and well drained (Iris cannot stand water around the roots). Plant with bulb just below the surface, spread the roots out and pack the soil. No fertilizer should touch rhizomes. Fall planting is preferable. Water about once in two weeks until well established. Bone meal and ground limestone are good fertilizers.

Named Varieties, Strong Roots, Each 20c; Dozen \$2.00

MIXED VARIETIES, EACH 15c; DOZ. \$1.25

Prices are F.O.B. Portland, postage extra. (S indicates Standard or part of flower remaining upright; F is the Falls or drooping part of flower)

CAPRICE—S. soft rosy red; F. deep rosy red.

HER MAJESTY—S. rose pink; F. bright crimson tinged darker shade.

JUNIATA—S. and F. clear deep blue, tallest of bearded iris; fragrant.

HALFDAN—All yellow, wonderfully rich.

LOHENGRIN—S. and F. uniform shade of Cattleeye rose. Large.

LADY JANE—S. coppery; F. red and white.

MA MIE—S. and F. pure white, with blue penciled border.

MONSIGNOR—S. crimson dotted lavender, inner petal ivory; F. rich crimson, edged lavender.

NIBELUNGEN—S. olive green; F. yellow, purple and white.

PALLIDA D'ALMATICA—S. and F. a light steel blue, best known of all irises.

PERFECTION—S. light blue; F. darker velvety violet and black, orange beard.

QUEEN-OF-MAY—Soft lilac, almost pink.

WALHALLA—S. lavender; F. wine red.

ZEPHYR—S. and F. clear blue lilac; beautiful and fragrant.

JAPANESE IRIS [Kaempferi]

All the colors of the rainbow are gathered into their wonderful, vivid, yet harmonious shadings and silky texture. The flowers average about 4 feet in height and 5 to 7 inches across, although in the hands of experts they reach the great size of 12 inches. They are surely worth a choice place in every garden. Each year the clumps increase in size and the flowers become more beautiful.

Named Varieties, Each 40c; Dozen \$3.75 (F.O.B. PORTLAND POSTAGE EXTRA)

The finest varieties to be had in the Northwest and priced exceptionally low for high quality.

DATE-DOGU—Single; rich claret red with orange blotches; very charming.

GOLD BOUND—Double; pure white, one of the best and most beautiful.

KUMO-NO-OBI—Double, dark lavender blue, especially fine. Six petals.

KURO-KOMO—Double; purple overlaid with dark blue; yellow blotches, stigmas dark blue bordered with purple.

MOUNT HOOD—Double; light blue, shaded slightly darker, with a bright orange center (just the colors reflected on the grand old mountain as the sun rises).

PYRAMID—Double; violet-purple, veined white in the center of each petal.

ROSE-ANNA—Double; ivory white, heavy ruby red veins, yellow blotch, stigmas dark plum.

SENJO-NO-HARA—Double; vinous purple speckled and splashed gray, primrose blotches radiating out into sky blue, petaloid stigmas purple stained gray.

TAHIERAKU (PEACE)—Double; rich purple with yellow blotches, tipped blue, purple veins radiating out; petaloid stigmas gray and lavender; gorgeous. Six petals.

JAPANESE IRIS MIXTURE—Double and single, no named varieties; all colors and shades. Special prices, each 20c, doz. \$2.00, 100 \$15. F.O.B. Portland.

Culture—They are very unlike Hardy Iris in culture. Japanese Iris requires plenty of water and good soil to get the best blooms; they do especially well on the borders of streams or ponds. A good dressing of bone meal and nitrate of soda is a big help when planting. Plant about 3 inches deep and 4 inches apart, divide the clumps every other year. They bloom after the Hardy Iris. Doubles have six petals, singles have three petals.





PEONIES

Special

"Name Lost"

PEONIES

Each year we have a quantity of peonies on which the names have become misplaced and we cannot identify them. Some are of the highest priced varieties. We offer these as long as they last at the following especially low price:

Each 35c
Dozen \$3.50

Postage Extra

Peonies make a gorgeous display whether in landscape, flower bed, border or garden, and for those who have only limited time for the care of flowers, nothing will give so much joy and satisfaction and endure so long as these wonderful flowers. Color schemes are not necessary for beautiful effects, any combination is delightful. They are nearly always free from disease, insects do not bother them and they succeed in any soil or climate. The first year bloom is as a rule poor, no matter how well they are planted, but they improve quickly season after season and each year flower and plant become increasingly beautiful.

CULTURE. Fall is the best time to plant, because blooms will usually follow the next spring, although planting may be done in early spring. Peonies need a deep soil, not too much gravel, a good clay loam is best, and work soil to a good depth. Give a good dressing of lime at planting time and repeat every second year. Bone meal is also good to work in the bed. Cover the crown not over 3 inches deep and plant, if possible, in partial shade. When cutting Peonies allow at least two leaves to remain on each stem; the roots need these lungs for full growth. Do not remove foliage until it is thoroughly dead.

Our list of Peonies includes some of the most beautiful varieties in existence; some are very rare and will well repay their cost in their extraordinary blooms. Prices f.o.b. Portland. Add postage for parcel post shipments.

Rare Varieties

E. G. Hill—Rich Tyrian rose, bordered with silvery rose, semi-rose type, gigantic flat flower very full, immense clusters. A free bloomer even on plants one year from division. Fragrant; early. Each **\$1.50**.

Kelway's Media—A deep, clear pink of exceptional beauty of form. Highly recommended. Each **\$2.00**.

Mons. Martin Cahuzac—Dark purple garnet with black reflex; mid-season; very large. Each **\$3.00**.

Octavie Denay—Pink and white; large flat crown, guards delicate flesh pink, narrow collar of white petals, center of deeper pink. Habit of plant low. Fragrant and very early. Each **\$1.00**.

Reine Hortense—Hydrangea pink with flecks of crimson, semi-rose type, large, compact, tall growing. Each **\$2.50**.

Sarah Bernhardt—Flat compact semi-rose type; uniform mauve color; penetrating fragrance. Each **\$2.50**.

Therese—Very soft pink, lilac white center; with reflex; mid-season; strong stems, enormous flowers. Each **\$5.00**.

Single Varieties

Albiflora—Large single paper white, long yellow stamens, blooming in clusters; tall, early and fragrant. **\$1.50**.

Apple Blossom—Delicate pink, shaded darker, resembling huge apple blossom. Each **\$3.00**.

Florestine—A beautiful dark red single type, large size, very special for this climate. Each **\$2.00**.

Some Ganoko—Very dark red, with satiny reflex petals, yellow center; the very finest. Each **\$5.00**.

White Varieties

Albatre—Large compact, crown type, milk-white, shaded ivory; center petals tinged with lilac, edged with carmine. **\$1.**

Avalanche—A large milk-white flower of perfect form; the base is of soft yellow and a few petals are flecked with carmine. A strong grower, blooming profusely and fragrant. Ea. **\$1.00**.

Baroness Schroeder—Plume shaped flower with irregular and fringed petals; opens a blush, soon changing to milk white; delicate odor; a very free bloomer and considered one of the best peonies grown. Each **\$1.50**.

Festiva Maxima—Large rose type, white with crimson markings in the center; one of the best. Fragrant. Each **75c**.

LaTendresse—Early, rose type, with very full spreading flowers of immense size in clusters. Petals thick and wax-like. Color milk white, guards slightly splashed and center flecked with crimson. Each **\$1.00**.

Madame De Verneville—Very large anemone shaped flower, pure white with slight carmine touches, of pleasing fragrance; long strong stems; an ideal cut flower. Each **\$1.00**.

Mount Hood—Like the sunrise over the mountain; first a beautiful pink, soon changing to a brilliant white. Earliest of all. Each **\$1.50**.

Red Varieties

Adolph Ronssean—Semi-double type; purple garnet; tall plant; free bloomer; dark foliage veined red; one of the best for landscape effect; early. **\$1.00**.

Delachei—Rose type; dazzling rosy magenta, vigorous grower; blooms in clusters; very fine, late mid-season. Ea. **\$1.00**.

Felix Crousse—Bomb type; brilliant red, good odor, vigorous grower with spreading habit, blooms freely in clusters. One of the most enjoyable peonies and one of the best reds. Ea. **\$1.00**.

Karl Rosenfield—Semi-rose; velvety crimson, mid-season, no odor; strong and healthy, free bloomer in clusters; large and fine for cut flowers as well as landscapes. Each **\$1.50**.

Louis VanHoutte—Semi-rose; dark crimson tipped with silver, with fiery reflex, medium height. Fragrant. Each **\$1.00**.

L'Eclatante—Bomb type; velvety crimson; mid-season; flowers very double and full, each flower standing up straight and erect, well above the foliage. Ea. **90c**.

Officinalis Rubra—Earliest of good reds, a large round bloom of vivid crimson, generally in bloom on Memorial Day. Each **75c**.

Rubra Superba—Rose type; a brilliant dark crimson; large full double; without stamens; fragrant. Each **75c**.

Pink Varieties

Charlemagne—Salmon pink, very double and full. **60c**.

Duchess d'Orleans—A deep pink, salmon center. Early cut flower. Each **50c**.

Edulis Superba—Crown type, bright clear pink, very fragrant, extra large early Decoration Day peony. Each **50c**.

Elegantissima—Light cherry pink; mid-season; an excellent cut flower. Each **60c**.

General Dodds—Uniform dark Tyrian rose, center touched with a few white dots; very desirable; late. Each **75c**.

Lady Bramwell—Beautiful pink of the finest form. Each **75c**.

Livingstone—Rose type, a pretty pink flecked with carmine; blooms in clusters; late. **\$1.00**.

Madame Breon—A light pink, of full compact form, very attractive large flowers. **\$1.00**.

Madame Lemonier—Rose type, soft lilac pink, changing to lilac overcast with white. A large compact flower, mid-season, fragrant, vigorous grower. **\$1.00**.

Feed your plants. Write for our Fertilizer Book giving full directions.



ROSES

**TWO-YEAR-OLD
OREGON FIELD
GROWN BUDDED
BUSHES**

Our roses are all large, sturdy, two-year-old bushes, Oregon field-grown, budded on disbudded Manetta stock, and will give you splendid cut flowers the first season. They are true to name and include the best of the well-known popular varieties.

THE TIME TO PLANT—Roses may be planted either in the fall or spring. It should be done early and we earnestly request our friends to place their spring orders in mid-winter so that shipment can be made at the most favorable time.

PLANTING—Deep preparation of soil is urged. Stir ground thoroughly to a depth of at least 18 inches and two feet or more if soil is inclined to be wet or soggy, filling in extra 6 inches with stones, to insure drainage. Bone meal worked into ground at time of planting is a big help, using a large trowelful to a plant. Sheep manure in a little large proportion is also good. We have prepared especially for roses and the lawn a mixed fertilizer with a high percentage of nitrogen and phosphorus. For 2-year-old bushes apply about a half pint (cupful), for larger bushes use a pint to a bush; cultivate into the soil around the bush early in the spring. When buds are formed use about a gallon of liquid manure to a bush once a week. Make it by mixing Lawn and Rose Fertilizer and water until it's the color

of weak tea. If planting in the fall, prune tops slightly but be sure to trim all root ends back unless this has been done at the nursery. In the spring, trim back all branches to not more than 4 eyes. Plant at least 2 inches deeper than the crown from which sprouts arise.

CULTIVATION AND PROTECTION—Keep soil well stirred, but do not cultivate deeper than 2 inches. Soak ground when you do water and then do not water again until the surface is quite dry. Protect roses from insects and disease by spraying.

SHIPPING—We always send all our two-year-old rose bushes charges collect by express or freight, packing so they will carry safely even though they should be on the road for two weeks or more. If necessary, we can send small two-year-old bushes by mail, but in such cases we always prune the tops and roots ready for planting. Add 5 cents postage for each bush when ordering by parcel post.

SELECTED LIST OF FAVORITE ROSE BUSHES

Baby Cecil Brunner—Rose and cream. **65c.**

British Queen (H. T.)—Pure white, large, full flowers, opening freely. One of the best white roses for bedding and cutting; stiff slender stems, free and fragrant. Each **65c.**

Chateau de Clos Vougeot (H. T.)—Deep, velvety crimson shaded with blackish maroon. The nearest approach to a black rose. As if cut from so much velvet, the most beautiful rose in color and texture. A true ever-blooming variety. Ea. **65c.**

Cheerful—Shining pink, orange and yellow shadings; truly "cheerful". Each **\$1.00.**

Constance (H. T.)—Rich orange yellow, distinctly streaked and splashed with crimson, long pointed buds; free bloomer. Each **90c.**

Dorothy Page Roberts (H. T.)—Coppery pink, suffused with apricot yellow, free and perpetual, delightful garden rose. Each **75c.**

Duchess of Wellington (H.T.)—Intense saffron yellow stained with rich crimson which, as the flower develops, becomes deep coppery saffron yellow. Delightfully fragrant. Each **75c.**

Evening Star (Pern.)—A sport of Madam Edouard Herriott. Color much more brilliant. Deep coral, shaded yellow and red. Ever blooming tendencies. Each **\$1.00.**

Frau Karl Druschki (H. P.)—The white American Beauty. Makes splendid buds and immense flowers; perfectly double. Each **65c.**

Fred J. Harrison—Cardinal red with black blotches on edges. Flowers large, double, fragrant and lasting, growth vigorous. Continuous bloomer. Each **\$1.50.**

General Jacqueminot (H. P.)—Bright shining crimson; very rich and velvety, large and full. Rich fragrance. Each **65c.**

General McArthur (H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion. Not subject to mildew. Each **65c.**

Georg Arcnds—Long, delicately shaped buds and deep-petaled, pointed blooms of soft pink in its most exquisite shade; delicately scented. Plant very vigorous, grows 5 to 6 feet tall; fine, wavy foliage. Each **65c.**

George Dickson (H. P.)—Very large, full and perfectly formed flowers freely produced. Color blackish crimson of velvety texture, reverse of petals heavily veined with crimson maroon. A magnificent rose. Each **65c.**

Golden Emblem (H. T.)—An Irish rose of ideal habit of growth with holly-like glossy green foliage, each stem bearing a glorious golden yellow flower of the finest form. Each **\$1.00.**

Hadley (H. T.)—A fine American pedigreed rose producing flowers of elegant form and substance. Color rich crimson scarlet shaded maroon. Prolific during all seasons, wonderful fragrance. Ea. **75c.**

Hoosier Beauty (H. T.)—Crimson scarlet with darker shadings, velvety texture. Bud long and pointed, deliciously fragrant. Each **75c.**

Imperial Potentate (H. T.)—A rich rosy carmine flower, solid and lasting. Sweetly scented. Beautiful buds. A vigorous, strong and hearty grower. Each **\$1.50.**

Independence Day (Pern.)—Sunflower gold, flamed and stained coppery old gold and orange. One of the best. Each **90c.**

Irish Elegance (H. T.)—Bronzy pink buds, opening with shades of apricot and yellow. Very strong growth and continually in flower. Perhaps the best liked and most planted single rose. Ea. **75c.**

Irish Fireflame (H. T.)—Orange crimson blooms, shaded pink and gold, very large (5 inches across); pleasing fragrance. Strong growth and profuse bloom. A famous rose, excellent in bud and fine for buttonhole. Each **75c.**

Joseph Hill (H. T.)—Coppery buds and salmon-pink flowers of very fine form and fragrance. Plant very strong at times and quite free flowering. One of the most beautiful roses, but its growth is erratic and it needs attention to form a well-balanced plant. Each **65c.**

Juliet (H. B.)—A wonderful combination of old gold on the outside of petals and a rich rosy red on the inside. Flowers large, full and delightfully scented. **65c.**

Kaiserin Aug. Victoria (H. T.)—Elegant, large pointed buds; full double flowers; color delicate creamy white; fragrant. Each **65c.**

Killarney Brilliant (H. T.)—Brilliant dark pink buds and flowers of Killarney type. Excellent in growth and bloom. Ea. **65c.**

K of K (H. T.)—Intense scarlet known. Semi-single, huge petals. Free bloomer, sweet scented. Each **75c.**

Lady Ashtown (H. T.)—One of the finest pinks of a rich, deep, silvery tone; flowers large. Each **65c.**

Lady Hillingdon (T.)—Deep apricot yellow, long and pointed bud. Flowers are of good substance and very lasting. Foliage luxuriant. A fine forcing or garden rose. Each **75c.**

Lady Inchiquin (H. T.)—Orange cerise. A distinct and novel color. Perfect formed blooms. Each **\$1.00.**

(List continued on next page)



Are you planning a lily pool? If so write for our new book telling just how to prepare it and what to plant.

Rose Bushes—[List Continued from Page 14]

Los Angeles (H. T.)—Flame pink toned with coral and shaded gold at base of petals; fragrant, vigorous and very free blooming, buds long and pointed, mammoth flowers. Each **75c.**

Mabel Morse (H. T.)—Clear, unstained yellow buds and well-shaped, fragrant flowers. Spreading, bushy growth and liberal bloom. Foliage remarkable for its beauty and resistance to disease. **\$1.00.**

Mme. Abel Chatenay (H. T.)—Light pink blooms, shaded salmon and carmine, of charming form. Plant grows erratically and foliage is only fair. One of the most popular of all roses. Each **75c.**

Mme. Alexandre Dreuix—Beautiful long buds golden coppery tangerine. Dainty, compact and a vigorous grower. **\$1.50.**

Mme. Butterfly (H. T.)—Sport of Ophelia, brilliant pink suffused apricot and gold; buds are lovely for corsages, wonderfully fragrant. Each **75c.**

Mad. Caroline Testout (H. T.)—A grand rose of the LaFrance type, but with flowers larger and finer. Color bright satiny pink; very fragrant and free in bloom. One of the handsomest roses and should be planted extensively. Each **60c.**

Mme. Edouard Herriott (H. T.)—Coral red, shaded yellow at base, passing to shrimp red, bronze and geranium; hardy, vigorous. Each **75c.**

Maman Cochet, White (T.)—A white form of Maman Cochet, sometimes flushed with pink on the outer petals. Foliage fine, hardy and free flowering. The blooms are seldom imperfect and the stems are strong for cutting. Ea. **65c.**

Margaret Dickson Hamill—Delicate straw color, its shell-pink petals flushed at the edges on the reverse side with delicate carmine-rose. Strong in growth, free blooming, exquisitely fragrant. Bronzy green foliage on deep crimson leaf-stalks. Very distinct and a gem among new roses. Each **65c.**

Miss Lolita Armour (H. T.)—A magnificent rose; color chrome yellow at base of petals, shaded to coppery orange. Flowers very large, of finest form, on stout canes. Each **75c.**

Mrs. Charles Russell (H. T.)—"American Beauty" cannot compete with it when it comes to counting points. Stems three feet long, stiff and surmounted by grand rose-pink blooms. Each **65c.**

Padre (Pern.)—Coppery scarlet, flushed yellow at base, flowers semi-double with 15 to 20 petals, often curiously notched, exceptionally free bloomer. Ea. **\$1.00.**

Paul Neyron (H. P.)—Deep, shining pink rose, blooms freely; the largest variety in existence; finely scented, blooms first season and all summer, grows to a great height first season, stems almost thornless. Each **65c.**

Shot Silk (New)—Coppery rose, overshot with apricot and yellow, unusually beautiful. Each **\$1.50.**

Souvenir de Georges Pernet—Oriental red, tips of petals touched with cochineal. Entire flower faintly shaded with yellow. Very large and full on strong stout stems. Extremely hardy. One of Permet Duchere's finest productions. **\$1.25.**

Surprise Collection \$5

Named varieties of our choice, all different.

As the season advances we usually find some roses overstocked as compared with others and to "even up" our stock we make this special offer. They are all named and tagged and well assorted in colors.

Sunburst (H. T.)—Fine yellow flowers, strongly suffused with orange at the center, fragrant and well shaped. Plant spreading. Very beautiful, but it takes time and patience to establish and grow it well. Each **75c.**

Sunstar—Deep orange yellow, edged, veined and splashed with crimson. Each **\$1.25.**

The Queen Alexandra Rose (H. T.)—A most distinct rose by reason of the shading of its vermilion petals to old gold on the back and at base. Each **\$1.00.**

Ulrich Brunner (H. P.)—Extra large, bold flowers, full and globular; color rich glowing crimson, elegantly flamed with scarlet, strong and disease resisting. Each **65c.**

Una Wallace (H. T.)—A beautifully formed rose of luminous old rose color, without markings of any kind; slightly fragrant. Profusely flowering plants with average foliage. Distinctly an "art" color different from any other. Each **\$1.00.**

William F. Dreer (H. T.)—Soft shell pink, base of petals rich golden yellow. For delicacy of coloring has few if any equals. Each **65c.**

Rambler, Climbing and Pillar Roses

Two-year-old Oregon field grown, budded on disbudded manetta stock; very strong and vigorous; will grow 10 to 12 feet a season. Prices are f.o.b. Portland; on parcel post shipments add 5 cents each for postage.

Cecil Brunner Climber (C. P.)—Clusters of pretty pink flowers, especially beautiful in bud. Each **75c.**

Dorothy Perkins, Rambler (H. W.)—A beautiful bright pink; large double flowers. Very sweet scented, hardy, superior foliage. Pink, red or white. Each **45c.**

Dr. VanFleet, Climber—Flowers large with high built center and petals beautifully undulated and cupped. Color the most beautiful shade of shell pink ever seen in a rose. A rank climber, immune from mildew. Each **75c.**

Emily Gray, Climber—Light orange yellow, buds long and pointed, on stiff stems of good length for cutting. Holly-like, glossy foliage. Each **75c.**

General McArthur, Climber (H. T.)—Dazzling crimson scarlet; delicious perfume and magnificent foliage. Blooms in great profusion. Each **75c.**

Hoosier Beauty, Climber—Identical with bush variety as to flower; it is a rampant climber; crimson flowers, shaded to black. Each **75c.**

Kaiserin A. Victoria, Climber (C. H. T.)—Strong rapid growing climbing form of the popular rose. Fine large ivory white flowers. Each **75c.**

Lady Ashtown, Climber—Large rose colored flowers, blooming all season, in immense numbers. Each **75c.**

Lady Hillingdon, Climber—Coppery apricot yellow, long, well formed buds. **\$1.00.**

Mme. Butterfly, Climber—Bright pink, suffused with apricot, fragrant. Ea. **\$1.00.**

Mad. Caroline Testout, Climber (C. H. T.)—Immense globular flowers of the same beautiful shade of pink as seen in the bush sort, a rampant climber. Ea. **75c.**

Marechal Neil, Climber—A magnificent deep golden yellow variety; so famous as to need no description; finest of its color. Each **\$1.00.**

Paul's Scarlet Climber (H. W.)—The most brilliant rose in any class because of its vivid, shining scarlet in large semi-double flowers which retain their intense color until petals fall. Each **75c.**

Roserie Rambler (Red Tausendschon)—Of the same habit of growth and flowering, but deep cerise or carmine color. **75c.**

Silver Moon, Climber—Similar in habit of growth to Dr. VanFleet, but with large saucer-like single flowers of silvery white color. Flowers of wonderful substance on long stems. Each **75c.**

Tausendschon Rambler—

A lovely shade of soft pink, bright clusters of blossoms, almost covering foliage, very few thorns, free and vigorous; splendid foliage. Each **65c.**





Deciduous Shrubs

Deliveries are made from November until May; orders are accepted any time in advance for delivery in season. We use every precaution to deliver healthy, vigorous stock, but the measure of your success will depend upon the planting and care given. Be sure to avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled", do not remove the burlap. Plant as received, only cut the string around the top, then loosen burlap after tree is set. If you cannot plant immediately on receipt, always "heel" in so roots may be in contact with good soil.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting trees, do not put deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. Be sure to Pack Earth Solidly Around Roots. Neglect of this is responsible for many failures. Heights mentioned below are the average maturity heights.

ALL PRICES ON SHRUBS F. O. B. PORTLAND

DEUTZIA—Continued

Pride of Rochester (Crenata)—Pure white double flowers, bloom May-June. Height 6 ft. Size when shipped 24 to 30 in., each **75c.**

Wateri (D. Crenata Flora Rosa Plena)—Dainty double pink flowers. Grows to 6 ft. Size when shipped 24 to 30 in., each **1.00.**

ELAEGNUS

Japan, China—Ornamental shrub of spreading habit, silvery leaves, numerous small yellowish-white fragrant flowers; scarlet fruit in large clusters. Fruit is edible and makes delicious jelly or juice. Maturity height 4 ft. 1½ to 2 ft., each **1.00;** 2½ to 3 ft., each **2.50.**

FORSYTHIA (GOLDEN BELL)

F. Fortunei—Dense masses of yellow flowers in early spring; a beautiful lawn tree. Size when shipped 3 ft., each **75c.**

Intermedia—Early spring blooming of yellow flowers before the leaves. 3 ft., each **1.00.**

HONEYSUCKLE (BUSH)

White Tartarian—Bushy growth, flowers freely; red and orange berries remain until fall. Height 8 ft. Shipping size 18-24 in., each **75c.**

HYDRANGEA

Japanese Otaksa—Beautiful lawn plant, flowers pink, blue and white, depending on minerals in soil. Ship. size 12-30 in., ea. **75c** to **1.50.**

Paniculata Grandiflora (Tree Hydrangeas)—Flowers white changing to pink, remaining until frost. Grows to 6 ft. 36 in., each **1.00.**

KERRIA

Very graceful shrub, bright yellow flowers in early spring, vivid green branches. Height 4 feet. Shipping size 24-30 in., each **75c.**

LILAC (SYRINGA VULGARIS)

Grafted varieties, double or single, white or purple. Shipping size 30-36 in., each **1.25.**
Common Lilac—Not grafted, single, white or purple. Shipping size 3 ft., each **75c.**

MOCK ORANGE (SYRINGA)

Large hardy shrub with profusion of creamy white flowers, very fragrant. Grows to 8 ft. Shipping size 3 ft., each **75c.**

ALMOND (PRUNUS)

Pink Flowering (P. Japonica)—Early dwarf, double pink. Height 4 ft. 2 to 3 ft., each **1.25.**

ALTHAEA (ROSE OF SHARON)

Late summer blooming, continues into fall, flowers resemble hollyhocks. Colors pink, white or red. Maturity height 10 ft. 3 ft., each **75c.**

AZALEA

A. Mollis—Gorgeous yellow flowers before leaves appear. Mat. height 6 ft. 12-18 in., ea. **2.50.**

BERBERRY

B. Thunberg (Japanese)—Low growing, clusters of white flowers in May. Foliage turns red. Height 4 ft. 24 to 30 in., each **75c.**

BOX LEAF ELDER

Variegated—Hardy, leaves almost pure white. Also in silver and gold coloring. Maturity height 10 ft. Shipping size 5 ft., each **3.00.**

BUDDLEYA (SUMMER LILAC)

Magnifica—Long spikes of lilac-like flowers, lavender-blue. Blooms from June to frost. For lawn or hedge. 2-yr. plants, 24-30 in., ea. **75c.**

BROOM

Size when shipped 3 ft.

Alba (White)—Hardy, blooms in spring. **75c.**
Junceia (Spanish)—Blooms all summer. **1.00.**
Scarapius (Scotch)—Bright yellow flowers. **75c.**

CALYCANTHUS

Floridus (Sweet Scented Shrub)—Dark crimson double flowers, fragrant, blooms all season. Maturity height 5 ft. 24-30 in., each **75c.**

CRAB

Bechtel's Flowering—Masses of fragrant double pink rose-like flowers. Tree shape. Maturity height 10 ft. 36 in., each **1.50.**

DEUTZIA

Gracilis—Dwarf, has a great profusion of white flowers tinged pink. Low growing. 18-24 in., each **1.00.**

Lemoines—Large clusters of pure white flowers, hardy and popular. Height 6 ft. 24 to 30 in., each **75c.**



PRUNUS (FLOWERING PRUNE)

Size when shipped 3 to 4 ft.

P. Blivans—Double pink flowers. Grows to 20 ft. Most beautiful of all and very rare. **\$2.00.**

P. Pissardi—Foliage and fruit red, covered in spring with clouds of white flowers. Height 20 feet. Each **\$1.00.**

P. Vesuvius—Light green foliage, turns to blood red in fall. Showy fruit. Hgt. 20 ft. **\$1.50.**

QUINCE (JAPANESE FLOWERING)

Scarlet flowers, early spring. Grows to 4 feet. 18 to 24 in., each **1.00.**

RUSSIAN OLIVE

Large shrub, silvery foliage, yellow flowers in May, yellow berries follow. Grows to 10 ft. 24 to 30 in., each **1.00.**

SPIRAEIS

Size when shipped 24 to 30 in.

Thunbergii—Abundant blooms, very fine. **60c.**

Billardi's—Red flowers in dense spikes. Ea. **60c.**

VanHoutti's Bridal Wreath—Very graceful, white flowers in round clusters. Grows to 6 ft. **60c.**

Crimson (S. Bumalda)—Red flowers. Each **60c.**

Japanese—Rosy pink flowers in July. Grows to 4 feet. Each **60c.**

Blue—Bright blue flowers in autumn, entire length of stem. 18-24 in., each **60c.**

SNOWBALL

White flowers. Grows to 12 ft. 24-30 in., **75c.**

SYMPHORICARPOS (SNOWBERRY)

S. Occidentalis—Spreading habit, bearing small pink flowers in summer and clusters of large clear white berries in winter. Maturity height 5 ft. 24 o 30 in., each **50c.**

S. Vulgaris (Indian Currant)—Red fruited snowberry, habits similar to white, but loaded with dark red berries fall and winter. Grows to 4 feet. 24 to 30 in., each **50c.**

TAMARIX

Juniperiana (Africana)—Pink flowers. Height 14 ft. 24 in., each **1.00.**

WEIGELIA

Size when shipped 24 to 30 in.

Candida—White flowers, tall bush. 12 ft. **75c.**

Rosea—Light pink, compact shrub. Each **75c.**

Eva Rathke—Red flowers, very fine. 12 ft. **75c.**

Variegated—Silvery leaves. Grows to 12 ft. **75c.**

Evergreen Shrubs

Deliveries are made from November until May; orders are accepted any time in advance for delivery in season.

See instructions on page 16 for handling shrubs when received.

ALL PRICES ON SHRUBS F. O. B. PORTLAND

ABELIA

Grandiflora—Small glossy leaves, tubular-shaped flowers bluish pink, late summer blooming. Grows to 5 feet. 18 to 30 in., each **\$1.50**.

AUCUBA (JAPANESE LAUREL)

Japonica, Variegated—Yellow spotted leaves, red berries after a certain age. Plant in part shade as hot sun will burn the leaves. Grows to 5 ft. 15 to 18 in., **\$1.50**. 18 to 30 in., **\$2.00**.

Japonica, Green—Leaves glossy green, bears fruit which stays on all winter at age of two years. A green plant should be planted near the variegated to insure berries on account of the sexes. 15 to 18 in., each **\$1.50**; 18 to 30 in. **\$2.00**.

AZALEA

Crimson, A. Hinodegri (Asahi)—Evergreen from Japan; bright, minute, waxy foliage that turns gamete in winter. Loaded in early spring with masses of scarlet flowers. Maturity height 3 ft. Do not plant in full sunlight. Choice plants, 10 to 12 in., each **\$2.00**.

BARBERRY

Darwini—Holly-like leaves, blue berries, clusters of yellow flowers in early spring; desirable for hedges. 6 to 8 in. **75c**. 12 to 18 in. **\$1.25**.

Vericulosis—Similar to Darwini; more brilliantly colored in fall; dwarf for rockeries and terraces. 18 to 24 in., each **\$1.25**.

B. Wilsoni—Introduced from China; dwarf shrub, small green leaves covered with red berries all winter. Grows to 5 ft.; long spikes. 12 to 15 in., each **\$1.00**; 18 to 24 in. **\$1.50**.

BOXWOOD (BUNUS)

Pyramidal—Cone-shaped plant of great beauty. 2 to 2½ ft., **\$4.00**; 2½ to 3½ ft., **\$5.00**.

Globe—Globe-shaped. Each **\$2.00** to **\$4.00**. For hedges write for prices on quantity desired.

CAMELLIA

Small tree, waxy leaves, beautiful waxy flowers, resembling a small rose. Assorted colors only. Plant in partial shade. Grows to 10 ft. 1 to 1½ ft., each **\$2.50**.

COTONEASTER

Very beautiful, practically evergreen, fine cut leaves, showy red berries stay on all winter.

C. Franchetti—Large size, gracefully arched. Masses of red berries in fall. Grows to 6 ft. 2 to 3 ft., each **\$1.50**.

C. Horizontalis (Trailing)—Low growing with long horizontal branches. 18 in. spread. **\$1.00** to **\$1.50**.

C. Microphylla—Trailing form. Evergreen. 18 to 24 in. spread. Each **75c** to **\$1.50**.

C. Microphylla Thymifolia—Tiny leaves and berries, very dainty. Grows to 1 ft. Each **75c** to **\$1.50**.

C. Simonsii—Upright growing, bright leaves, pinkish flowers, red berries all winter. Fine for massing. Grows to 12 ft. 2-3 ft., **75c** to **\$1.50**.

DAPINE (ODORA)

Odora Marginata—Japanese shrub, waxy light green foliage with white edges. Pink flowers, in early spring, of wonderful fragrance. Grows to 4 ft. 24-30 in., each **\$2.50** to **\$3.50**.

DWARF JUNIPER

Low growing. Widespreading habit. Green coloring. Plants as delivered spread 12 to 18 inches and increase to many feet; beautiful for parking strips, along walls, etc. Each **\$2.50**.

EUONYMUS (JAPAN)

Leathery glossy green leaves. Fine for foundation planting. Maturity height 8 feet. 12-18 in., each **\$1.00**; 18-24 in., each **\$1.50**.

E. Variegated (Japan)—Leaves are golden yellow edged with green; very greatly admired; maturity height 4 ft. 15-18 in., each **\$2.00**.

HOLLY (ILEX)

English (Aquifolia)—Prickly dark green foliage covered during winter with red berries. Berry-bearing trees, each **\$3.00** up (at rate of \$1.50 per foot of height).

LAURUSTINUS

Dark green leaves, flowers white, tinted with pink, blooming late in winter and early spring. Grows to 10 ft. 18-30 in., ea. **75c** to **\$2.00**.

LAUREL

English Laurel (Lauro-Cerasus)—Small tree-shrub; handsome, shining glossy foliage all year. Fine for hedges and specimen plants. Each **75c** to **\$2.50**. (For hedge plant size, write for prices on quantity desired.)

Portugal Laurel—Slow growing shrub, very compact. Grows to 8 ft. 12-15 in., each **\$1.50**; 2 ft. **\$2.25**. 2½ ft. **\$3.00**.

LONICERA

Nitida (Evergreen Bush Honeysuckle)—Slender branches, bright glossy foliage. Excellent for massing or tub plants. 1 ft., each **50c**. 1½ ft. **75c**. 2½ ft. **\$1.25**.

OREGON GRAPE

Mahonia Aquifolia—Official flower for the state of Oregon. These plants are nursery grown and especially fine. 14 in. **\$1.00**. 18 in., **\$1.25**. 24 in. **\$1.75**.

PERNETTYA

P. Rosea—A new evergreen novelty of dense compact habit; does well in any location, but prefers a rich soil. Leaves small, dark, glossy green, white flowers in the spring and a profusion of attractive pink berries fall and winter. Can be trimmed. 1½ ft., each **\$2.50**. 2½ ft., each **\$3.50**.

PRIVIT (LIGUSTRUM OVALIFOLIUM)

California Privit—Our best plant for hedges. Plant in double row 2 ft. apart, 6 in. between plants. Maturity height 10 ft. 18-24 in., 10 plants **\$1.00**. 100 **\$7.50**; 24-30 in., 10 plants **\$1.25**. 100 **\$10.00**.

English Privit (L. Vulgare)—Hardy, for colder climates. Grows to 10 ft. 18-24 in., 10 plants **\$1.00**. 100 **\$7.50**; 24-30 in., 10 plants **\$1.25**. 100 **\$10.00**.

Golden Privit—Beautiful variegated shrub to plant among evergreens, giving a wonderful effect. Grows to 12 ft. 2 ft., each **\$1.00**. 3 ft., each **\$1.50**.

PYRACANTHA (CRATAEGUS)

Tall growing, long narrow green leaves, small white flowers, followed by berries that stay on all winter; especially fine for background. Maturity height 15 feet.

P. Lalandi (from Europe)—Orange berries. 12-18 in., each **\$1.25**; 18-24 in., each **\$1.50**. **P. Crenulata (China)**—Red berries. 18-24 in., each **\$1.50**.

RHODODENDRON

Seedlings not grafted. 12 to 18 in., each **\$3.00**.

Raspberries

BLACK CAPS

Not Prepaid

2-year, each **25c**. 10 **\$2.25**. 100 **\$20.00**.
1-year, each **20c**. 10 **\$1.75**. 100 **\$15.00**.

Gregg—Good size, productive and hardy.

Plum Farmer—Large, black, hardy.

RED CAPS

Not Prepaid

1-year, each **10c**. 10 **75c**. 100 **\$3.00**.
Cuthbert—Deep rich, red, large and firm.
Marlboro—Bright crimson. Ripens early.
St. Regis—Everbearing Red Caps—Each **20c**. 10 **\$1.75**. 100 **\$15.00**.

Blackberries

Elderado—Large, jet black; fine for Oregon.

Himalaya Giant—Improved evergreen, coreless berries, large, rich, juicy.

Lawton—Large fruit, very productive.

1-year, each **15c**. 10 **\$1.25**. 100 **\$10.00**

F. O. B. Portland, postage extra

Thornless Mammoth Blackberry (Cory)—Strong, vigorous grower; prolific; with delicious flavor resembling the wild berry; almost seedless.

Tips—Spring del. only, ea. **20c**. 100 **\$12.00**.
1-year transplanted, each **25c**. 100 **\$20.00**.

Loganberries

Dark Red, Immense Cluster, June—2-yr. plants, ea. **20c**. 10 **\$1.75**. 100 **\$15.00**; 1-year plants, ea. **15c**. 10 **\$1.25**. 100 **\$10.00**. f. o. b. Portland, postage extra.

Over a third of a century of service in the Northwest is your guarantee of dependable quality.



Coniferous Evergreen Trees

In handling and planting evergreens never allow the roots to become dry for an instant. Their juices are resinous, and when once dry, water has no power to restore them; dip the roots in "grout" or very thin mud, and plant quickly; cover the roots with fresh soil and with a heavy piece of wood beat the earth solid over them. Fill up and pound again, and finish by bringing fresh loose earth about the tree with a hoe. No wind can now bend the tree about so as to break the tender rootlets as fast as formed.

Sizes given are the approximate sizes when sold. Prices f. o. b. Portland. Sizes up to 4 feet can be mailed. Postage extra.

ARBOR VITAE (THUYA)

American (T. Occidentalis)—Native, known as cedar. Foliage bright green, yellow-green underneath, bronze in winter. 24 to 30 in., each **\$2.00 to \$3.00**.

Pyramid Arborvitae (Thuya Lobbi)—Bright green leaves above and dark glossy green leaves beneath. 12 to 18 in., each **\$1.50 to \$2.00**.

CEDAR

Deodar or Indian Cedar (C. Deodara)—Very handsome; branches drooping; foliage silvery green. Very popular. 18 to 24 in., ea. **\$2.50**.

Red Cedar (Juniperus Virginiana)—Striking form and color. Each **\$2.50**.

CRYPTOMERIA

Elegans (Japanese Cedar)—Delicate green foliage and graceful habit. Color changing to reddish-brown. 18 to 24 in., each **\$2.00 to \$3.00**.

CYPRESS (CUPRESSUS)

Alumii—Handsome pyramid shaped conifer. Foliage greenish-blue. 1½ to 2 ft., **\$3.00**; 3 to 3½ ft., **\$5.00**; 4 ft., **\$7.00**.

Lawson's (Chamaecyparis Lawsoniana)—Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green. Each **\$1.50 to \$5.00**.

Lawson (Erecta Veridis)—Pyramid, green. 12 to 18 in., **\$2.00 to \$2.50**; 2 to 3 ft., **\$5.00**; 4 ft., **\$6.00**.

Italian—Bright green. Very compact in growth, nothing finer in upright type. 2 to 3 ft., each **\$2.50**; 3 to 4 ft., each **\$3.00**.

JUNIPER (JUNIPERUS)

Irish (J. Communis Hibernica)—Pyramidal form, foliage silvery gray. 2 to 3 ft., each **\$3.00**. Common (J. Communis)—Branches spreading. Fine trees. 2½ to 3 ft., each **\$3.00**.

Juniper Chinensis—Compact growth, light green. 1½ ft., each **\$2.00**; 2 ft., each **\$4.50**.

RETINOSPORA

Plumosa Aurea—Golden. 12 to 18 in., **\$2.25**; 18 to 24 in., **\$3.00**.

Squarrosa—Dense, compact, foliage with feathery branches. Light bluish green. 12 to 18 in., **\$2.00**; 2 ft., **\$2.50**.

SPRUCE (PICEA)

Norway (P. Excelsa)—A lofty, rapid grower; branches drooping. Fine for hedge or wind-break. 2 to 3 ft., **\$3.00 to \$3.50**.

Colorado Blue Spruce—2 ft., each **\$4.50**.

Deciduous Shade & Ornamental Trees

When you are planning to purchase deciduous shade and ornamental trees, we strongly recommend that you write us, telling us the location of tree and height desired, as we can advise as to the best to plant and give you a better description of the trees as to habit, etc. All of the trees below can be furnished in much larger sizes than listed and we will be pleased to tell you what we can furnish and quote prices. (The sizes given below are the approximate heights when sold.)

ALL PRICES ON TREES ARE F. O. B. PORTLAND
(Only up to 4-foot sizes can be mailed. Add postage)

ASH

American White—Broad, round head and dense foliage. Very fine. Each **\$1.50**.

BIRCH (BETULA)

Cut Leaf (B. Alba)—Silvery white bark, slender drooping branches. Each **\$2.25**.

CATALPA

Splendid trees, white flower, bright foliage. Western (Speciosa)—Very rapid grower, a quick shade. 7 to 8 ft., each **\$1.50**.

Bungei—Dwarf rounded variety, in outline like Bay Trees. 6 to 8 ft., each **\$3.00**.

DOGWOOD (CORNUS FLORIDA)

White Flowering—Flowers white, blooming in spring. 4 to 5 ft., each **\$1.50**.

BOX LEAF ELDER

Variegated, hardy, leaves almost pure white. Nothing finer for specimen planting. 4 to 6 ft., each **\$3.00**.

ELM

American White—A magnificent tree with drooping branches. 6 to 8 ft., **\$1.50**.

English—A rapid grower, standing erect and compact, dark green. Each **\$1.50**.

HAWTHORNE

Paul's Double Scarlet (C. Monogyna Pauli)—A tree of fine habit; flowers bright scarlet, large, full and very double in heavy clusters on long sprays. 4 to 6 ft., **\$2.00**; 6 to 8 ft., **\$2.50**.

Double White (C. Monogyna Alba Plena)—Flowers small. Leaves lustrous green. **\$2.00**.

HORSE CHESTNUT (AESCULUS)

White Flowering (A. Hippocastanum)—Foliage showy, flowers stand in upright panicles. 6 to 7 ft., each **\$2.00**.

LALBURNUM (GOLDEN CHAIN)

L. Vulgari—A small tree with long, drooping racemes of fragrant yellow flowers. 6 to 8 ft., **\$1.75**.

LOCUST (ROBINIA)

Black (R. Pseudacacia)—Rapid grower; fine for street planting. 6 to 8 ft., each **\$1.50**.

Honey Locust (Triacanthus)—Each **\$1.50**.

MAPLE (ACER)

Oregon Soft (A. Macrophyllum)—A rapid grower, fine for avenues. 6 to 8 ft., each **\$1.25**.

Norway (A. Platanoides)—Large, compact, foliage deep green. 6 to 8 ft., each **\$1.50**.

A. Platanoides Schwedleri—Variety of Norway Maple. Young leaves are deep purple. As summer advances changes to green. 6 to 8 ft., each **\$2.00**.

MOUNTAIN ASH (SORBUS)

European (S. Aucuparia)—White flowers, then beautiful orange red berries. Each **\$2.00**.

OAK (QUERCUS)

English Oak—6 to 8 ft., each **\$2.50**. Red Oak (Q. Rubra)—Ideal for lawn or street. 6 to 8 ft., each **\$2.50**.

POPLAR (POPULUS)

6 to 8 ft., **\$1.50**; 8 to 10 ft., **\$2.00**

Bolle's Silver (P. Alba Boileana)—A compact, upright grower, foliage glossy.

Lombardy (P. Nigra Fastigiata)—An erect, rapid grower.

SYCAMORE OR PLANE (PLATANUS)

Erect growing tree with mottled trunk. Foliage bright green. 6 to 8 ft., each **\$2.25**.

WEeping WILLOW (SALIX)

Wisconsin (S. Babylonica Dolorosa)—Large glossy leaves, pendulous habit. Each **\$2.00**.

American (S. Babylonica)—The well known common weeping willow. Each **\$2.00**.

Grapes

PRICES F. O. B. PORTLAND

2-yr. plants, ea. **20c**. 10 **\$1.75**. 100 **\$15.00**. 1-yr. plants, ea. **15c**. 10 **\$1.25**. 100 **\$10.00**.

Campbell's Early—Nearly black.

Concord—Large black, August.

Delaware—Bright red, grows freely, August.

Lucile—Medium large red, very hardy.

Moore's Early—Resembles Concord.

Niagara—Called White Concord, September.

Worden—Large black, imp. Concord, September.

Write for our free book on "How to Fertilize". It tells you how to have finer trees and plants.



"Evergreen" kills
greenhouse insects.
Write for booklet and
spraying information

Fruit Trees

In this small catalog space is not available to describe each variety of fruit, but complete list and prices are given. If you are not familiar with the varieties, write us for complete descriptive list and for advice with reference to your special needs.

Deliveries are made from November to May; orders are accepted at any time for delivery in season. Prices are f. o. b. Portland. For parcel post add sufficient for postage.

APPLES

First Grade	Each	Per 10	Per 100
2 year	75c	\$6.00	\$50.00
1 year, 4 to 5 ft.	60c	\$5.00	\$40.00
1 year, 3 to 4 ft.	50c	\$4.50	\$35.00

SUMMER VARIETIES

Early Harvest	Red Astrachan
Gravenstein	Yellow Transparent

AUTUMN AND WINTER VARIETIES

Baldwin	Ortley or White	Winter Banana
Delicious	Bellflower	Yellow
Grime's Golden	Northern Spy	Bellflower
Jonathan	Spitzenberg	Yellow Newton
Multnomah	Wealthy	Pippin

CRAB VARIETIES

Florence	Red Siberian	Transcendent
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APRICOTS

	Each	Per 10	Per 100
2 year, 4 to 6 ft.	85c	\$7.00	\$50.00
1 year, 3 to 4 ft.	75c	\$6.00	\$40.00

VARIETIES

Blenheim	Royal	Tilton
Moospark	The Lewis	

CHERRIES

	Each	Per 10	Per 100
2 year, 4 to 6 ft.	\$1.25	\$10.00	\$75.00
1 year, 4 to 6 ft.	\$1.00	\$8.50	\$65.00
1 year, 3 to 4 ft.	\$0.75	\$6.50	\$55.00

VARIETIES

Bing	Kentish	Late Duke
Black	Lambert	May Duke
Republican		Royal Ann

NECTARINES

	Each	Per 10	Per 100
1 year, 4 ft.	\$1.00	\$9.00	\$75.00

VARIETIES

Boston and Early Violet

PEACHES

First Grade	Each	Per 10	Per 100
4 to 6 ft.	85c	\$7.00	\$50.00

VARIETIES

Early Alexander	Hale's Early	Muir
Early Crawford	Late Crawford	Salway
Elberta	Mayflower	Tuscan Cling

PEARS

	Each	Per 10	Per 100
2 year, 4 to 6 ft.	\$1.00	\$8.50	\$60.00
1 year, 4 to 6 ft.	\$0.85	\$7.50	\$45.00
1 year, 3 to 4 ft.	\$0.65	\$5.50	\$35.00

AUTUMN VARIETIES

Bartlett	Comice	Flemish Beauty
Beurre Bosc	Fall Butter	Seckel

WINTER VARIETIES

P. Barry	Winter Bartlett	Winter Nellis
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PLUMS

First Grade	Each	Per 10	Per 100
2 year, 4 to 6 ft.	85c	\$7.50	\$55.00
1 year, 6 to 8 ft.	70c	\$6.00	\$40.00
1 year, 4 to 6 ft.	50c	\$4.00	\$30.00

VARIETIES

Bradshaw	Damson	Peach
Columbia	Shropshire	Prinlew Plum
Coe's Golden	Green Gage	Satsuma
Drop	Maynard	Washington
Damson		Yellow Egg

PRUNES

First Grade	Each	Per 10	Per 100
2 year, 4 to 6 ft.	90c	\$8.00	\$60.00
1 year, 6 to 8 ft.	75c	\$5.00	\$35.00
1 year, 4 to 6 ft.	50c	\$4.00	\$30.00
1 year, 3 to 4 ft.	40c	\$3.00	\$20.00

VARIETIES

Giant	Hungarian	Italian	Pacific	Petite
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QUINCE

First Grade	Each	Per 10
2 years	\$1.25	\$9.50

VARIETIES

Apple	Orange	Champion	Pineapple
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NUT TREES

Walnuts are a sure and profitable crop on the Pacific Coast, as well as shade and ornamental purposes. Grafted trees should be planted as they usually yield heavier. Prices are f.o.b. Portland.

ALMOND

(NUT BEARING)

	Each	Per 10	Per 100
3 to 5 ft.	\$1.00	\$9.00	\$65.00

VARIETIES

IXL and Nonpareil

BUTTERNUT

Succeeds fairly well on the coast

	Each	Per 10
2 to 3 ft.	\$1.50	\$12.50

FILBERTS

	Each	Per 10	Per 100
3 to 4 ft.	\$1.25	\$8.50	\$55.00

VARIETIES

Barcelona	DuChilly	White Aveline
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Seedling Walnuts

Franquette—Second generation. Each **\$1.00**.
California Black—A rapid grower; nut medium size; hard, smooth shell. 4 to 6 ft., ea. **\$1.00**;
6 to 7 ft., ea. **\$1.25**; 7 to 8 ft., ea. **\$1.50**.

Vines

Prices on Vines are f. o. b. Portland

AMPELOPSIS (IVY)

Veitchi, "Boston Ivy"—Leaves glossy green, coloring bronze in fall; flowers small; berries deep blue; clings firmly to smooth walls. Two-year roots **50c**.

Quincefolia, "Virginia Creeper"—Common American Ivy. Two-year roots **50c**.

Engelmanni—Similar to Quincefolia, but leaves slightly smaller, and will cling to walls without any support. Two-year roots **50c**.

CLEMATIS

Plant in light sandy soil, using slacked lime to keep slugs out of the roots.

Ramona—Beautiful lavender. Each **\$1.00**.

Henryi—Fine, large, creamy white flowers; a strong grower and very hardy. Each **\$1.00**.
Jackmanii—Intense violet purple with a rich velvety appearance. Large plants, each **\$1.00**.

Clematis Paniculata—A rapid and vigorous grower; pure white flowers of pleasing fragrance. Choice plants, each **50c**.

CINNAMON VINES

Once planted they will grow a lifetime. Each **25c**, five for **\$1.00**.

DUTCHMAN'S PIPE

Aristolochia Sipho—Bright green, luxuriant, having large foliage and brownish flowers. A strong rapid grower. Each **75c**.

ENGLISH IVY

Large, thick, shiny, leathery leaves, evergreen. Each **30c**.

HONEYSUCKLE

Hall's Japanese—Almost evergreen. Each **50c**.

JASMINE

Nudiflorum—Drooping branches, enveloped with bright yellow flowers before leaves appear. Each **\$1.00**.

KUDZU VINE

Pueraria Thunbergiana—Large foliage and dense shade, growing 50 feet in one season. Flowers plentiful in August, rosy-purple. Each **50c**.

TRUMPET VINE

Bignonia Radicans—Strong climber; deciduous, flowers orange scarlet. Mid-summer. Ea. **50c**.

WISTERIA

W. Sinensis—Grows 15 to 20 feet in a season; has long, pendulous clusters of pale blue or pink flowers in May, June and autumn. Choice 1-year plants **\$1.50 to 75c**.

Grafted plants, pink or blue. Each **\$1.50**.

GRAFTED WALNUTS

Franquettes—A splendid strain grafted on 4-year California Black Walnut sturdy, thrifty trees. The best to plant. Comes to bearing much younger than seedling walnuts. 3-4 ft., ea. **\$1.50**; 4-5 ft., **\$2.00**; 5-6 ft., **\$2.50**.

Paynes—6 ft., each **\$2.50**.

We carry a complete line of orchard sprays and supplies. Write for our complete annual catalog.



Favorite Perennial Plants for Borders and Bedding

Our complete list of perennial plants includes over 300 well chosen varieties as fully described in our large annual catalog which we will be pleased to send to you if you desire. The perennials below are selected as

the favorites with many people, as based on our records of sales. All are well rooted specimens and are packed carefully for safe delivery. Dozen price applies to a dozen of one variety, not on mixed lots.

F. O. B. PORTLAND, POSTAGE EXTRA IF MAILED

Alstroemeria-Aurantiaca (Peruvian Lily)—Handsome plants, especially when grown in groups; well drained, partly shaded position. Yellow flowers, streaked with red, in umbels on stems 2-4 ft. high; July to Sept. Each **30c.** doz. **\$3.00.**

Anemone Japonica—Red, white, or pink; fall flowering, hardy. Each **20c.** doz. **\$2.00.**

Max Vogel—Large semi-double pink flowers. Each **35c.** doz. **\$3.50.**

Aquilegia (Columbine)—Long spurred; hybrids; blue, white, pink, yellow and lavender; mixture only. Each **25c.** doz. **\$2.50.**

Asters—Among the best hardy perennials. A few varieties listed below:

Barr's Pink—New. Each **60c.**

Little Boy Blue—New. Each **50c.**

Climax—Light blue or lavender; 4 to 5 feet. Each **20c.** doz. **\$2.00.**

Louvain—Soft pink; 4 ft. Ea. **30c.** dz. **\$3.00.**

Maggie Perry—Trusses of large mauve flowers, 3 to 5 feet. Each **20c.** doz. **\$2.00.**

Perry's White—Pure white, golden red center; 4 ft. Each **20c.** doz. **\$2.00.**

Tartaricus—Bluish violet. Ea. **20c.** dz. **\$2.00.**

Bleeding Heart (Delytra)—Each **75c.**

Canterbury Bells—Single, in white, pink or blue. Each **20c.** doz. **\$2.00.**

Delphinium (Hardy Larkspur)—Perfectly hardy, and established plants produce a number of spikes that will give 2 to 3 crops during season.

Belladonna—A clear azure blue, white bee. Ea. **20c.** doz. **\$2.00.**

Bellamosum—Deep blue, white bee. Each. **20c.** doz. **\$2.00.**

Cliveden Beauty—An improved Belladonna, larger flowers on taller stems. Cambridge blue. Stock limited. Each **30c.** doz. **\$3.00.**

Formosum—Dark blue, white bee. Each **20c.** doz. **\$2.00.**

Dianthus (Pinks) Allwoodi—Blooming continually from early summer until late fall. Flowers are large, borne on long strong stems and are fragrant. Harold, double pure white; Jean, white, crimson center; Robert, old rose. Each **30c.** doz. **\$3.00.**

Digitalis (Foxglove), Shirley Giant—Extra large flowering, mixture of colors; 3-5 ft.; May-July. Each **25c.** doz. **\$2.50.**

Funkias (Undulata Variegated)—Leaves edged and striped white, light blue flowers; 16 to 20 in.; June to August. Each **30c.** doz. **\$3.00.**

Gaillardia (The King)—Flowers 6 to 8 inches in diameter on stout 18 to 24 inch stems; vivid crimson, with yellow margin. Each **40c.**

Geum (Mrs. Bradshaw)—Large double, fiery red flowers. Each **25c.** doz. **\$2.50.**

Lady Stratheden—Double golden yellow flowers. Each **25c.** doz. **\$2.50.**

Gypsophila-Paniculata (Perennial Baby's Breath)—Myriads of small white flowers; for cutting, unsurpassed; 2 to 3 feet; May to July. Each **25c.** doz. **\$2.50.**

Rokejeka—Pink flowered Baby's Breath. Each **25c.** doz. **\$2.50.**

Helenium (Superbum)—Tall growing plants, closely allied to the Sunflower, bearing in late summer and early fall; great masses of large yellow Daisy-like flowers. Each **20c.** doz. **\$2.00.**

Helleborus (Christmas Rose) Hybrids—Hardy herbaceous perennials; very early flowers and attractive leaves. Erect, 12 to 18 inches; large palmately divided leaves; large pink flowers, 4 to 6 inches across. A few mild days in December will bring out the buds and flowers; 2-year-old plants, **50c.**; 3-year-old plants, **\$1.00.**

Hemerocallis (Luteola Major)—Golden yellow flowers; 5 inches across, on 4-foot branching stems; July. Very hardy. Each **30c.** doz. **\$3.00.**

Incarvillea-Delavayi (Hardy Gloxinea)—Large, rich rose flowers with deep yellow throats on spikes 2 to 3 feet high; May and June. Each **30c.** doz. **\$3.00.**

Lupinus—Harkness' Regal Lupins (Hybrids)—This new race of herbaceous Lupins is quite distinct from any other race of Lupins, and embraces many beautiful colors. Each **40c.**

Papaver (Perry's White)—Satin white flowers, with maroon at base of petals. Each **30c.** doz. **\$3.00.**

Phlox (Baron VonHeeckern)—One of finest salmon pink. Each **35c.** doz. **\$3.50.**

Phlox Feuerbrandt—A color heretofore unknown in Phlox; bright vermillion scarlet. Ea. **40c.**

Pyrethrum Hybridum (Persian Daisy)—May to July. Each **30c.** doz. **\$3.00.**

Salvia Virgata Nemorosa—Very effective for borders; 2 to 3 feet; May to September. Purplish blue flowers. Each **30c.** doz. **\$3.00.**

Scabiosa (Caucasica)—Soft lavender; blooms June to frost. Each **30c.** doz. **\$3.00.**

Shasta Daisy (Sieger)—Very large; flowers 4 to 6 inches. Each **25c.** doz. **\$2.50.**

Statice Latifolia (Sea Lavender)—The flowers when cut and dried will last for months. Each **20c.** doz. **\$2.00.**

Sweet William (Johnson's Giant)—Marvelous colors. Mixtures only. Each **25c.** doz. **\$2.50.**

Thalictrum (Dipterocarpum)—4 to 7 feet tall, lilac mauve flowers. Each **30c.** doz. **\$3.00.**

Tritoma (Red Hot Poker)—Mixture of colors to scarlet. Each **30c.** doz. **\$3.00.**

Veronica (Longifolia Subsessilis)—Very beautiful blue flowers; July-Sept. Ea. **20c.** doz. **\$2.00.**

Wall Flowers—Many varieties and colors. Each **20c.** doz. **\$2.00.**

Yucca (Filamentosa) (Adam's Needle)—Effective sword-like evergreen foliage; spikes of white flowers, 6 ft. high. Each **35c.**

Perennial Alpine Plants for Rock Gardens

The popularity of rock gardens has increased so greatly that we have at considerable time and effort prepared an exceptionally complete and fine list of the perennials especially suited for this purpose. It is impossible to show the complete list in this bulb and rose booklet but we are describing

below a few of the best varieties for starting a rock garden and we ask those who are interested in the complete list to write for our large catalog showing the complete list.

Prices are f. o. b. Portland; if mailed, add postage.

Anemone-Pulsatilla (Pasque Flower)—Grows from 8 to 12 in. high and produces large flowers, varying from lilac to purple. April and May. Each **30c.** doz. **\$3.00.**

Aquilegia (Pyraica)—Very rare dwarf compact clump, flowers on 6 to 8 in. stems. June to August. Each **50c.** doz. **\$5.00.**

Arabis (Rock Cress) Alpina—The foliage is gray-green and the flowers are pure white. 4 to 6 in. high. April. Each **20c.** doz. **\$2.00.**

Armeria (Vulgaris)—Small, compact tufts of evergreen foliage with numerous rose-pink flowers on 6-inch stem. May to July. Each **25c.** doz. **\$2.50.**

Aster (Alpinus) Goliath)—Large lilac flowers with yellow center, 12 to 15 in. high. May to June. Ea. **25c.** doz. **\$2.50.**

Auricula (Alpine Primrose)—Clusters of beautiful flowers in many color combinations, fragrant at times. Smooth leaf foliage; 6 to 8 in.; April and May. Each **25c.** doz. **\$2.50.**

Campanula-Laurii—A new species from the Greek islands. Flowers a beautiful shade of lavender, about 1 in. across, very attractive and turning upward. When in bloom, the plants represent a mass of color. Each **50c.** doz. **\$5.00.**

Helianthemum (Sun Rose) Mutabile—Low growing evergreen shrub, 10 to 12 in., covered in May to July with brilliant colored flowers. Each **25c.** doz. **\$2.50.**

Phlox (Amoena)—One of the best varieties for the rockery or for carpeting the ground. Grows but 4 in. high and in spring is a sheet of bright pink flowers. Each **25c.** doz. **\$2.50.**

Phlox (Subulata)—Moss or mountain pink. Covered during spring and early summer with brilliant-colored flowers, close tufts moss-like foliage. Each **20c.** doz. **\$2.00.**

Primula-Veris (Triumph)—Finest mixture of colors only. Each **30c.** doz. **\$3.00.**

Saxifraga (Bathionensis)—Mossy type, rapid grower, large pink-white flowers on 10-in. stems; April to May. Each **30c.** doz. **\$3.00.**

Thymus (Prostata)—Carpets of olive green foliage smothered with dainty spikes of rich blue flowers 4 to 5 inches high. May and June. Each **25c.** doz. **\$2.50.**

Veronica (Prostata)—Carpets of olive green foliage, smothered with dainty spikes of rich blue flowers, 4 to 5 inches high. May and June. Each **25c.** doz. **\$2.50.**

Viola (Jersey Gem)—The best viola yet introduced; blooms most of the year; large pure violet flowers, fragrant, 9 to 10 inches high, vigorous bushy growth. Ea. **25c.** doz. **\$2.50.**

Wahlenbergia (Dalmatica)—Belongs to the Campanula family. A beautiful dwarf Alpine. Blue flowers in a terminal, 6 to 10 flowered, 3 to 5 in. high. May to July. Each **50c.**



FROM.....

P.O.

PORTLAND SEED COMPANY



Station A

PORTLAND,

OREGON

**SEED REFINERS
and
GROWERS**

**SPRAY
MATERIALS**

**NURSERY
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**MANUFACTURERS
of
POULTRY GOODS
DIAMOND FERTILIZERS
BEE SUPPLIES**



Diamond Quality

Strawberry Plants

FOR
IMMEDIATE
DELIVERY

Large, vigorous, healthy plants, heavily rooted, free from disease and pests. We dig as ordered and pack for shipment in ventilated crates of 1000 plants each. Grown from our own select strains and always true to name. Officially inspected in the field by the state horticultural officers and our own inspectors.

New Oregon—The best, most uniform, heaviest yielding, main crop strawberry. **Good Dollar**—Extra early.

Prices. All varieties above:

Postpaid, doz. **30c**, 25 **50c**, 100 **\$1.50**; not prepaid, 25 **40c**, 100 **\$1.00**, 1000 **\$8.00**. Not less than 500 of a kind at 1000 rate.

Fall or Everbearing Strawberries: **Progressive**—Rich red color, firm, delicious, good keepers and shippers, yield heavily until frost. Postpaid, doz. **60c**, 25 **75c**, 100 **\$2.00**; Not prepaid, doz. **35c**, 25 **55c**, 100 **\$1.75**, 1000 **\$15.00**.

Currants

Gooseberries

Each **20c**, 10 **\$1.75**, 100 **\$12.50**, f. o. b. **OREGON CHAMPION**—Very large; pale green; sweet, fine, bush strong, prolific. Each **20c**, 10 **\$1.75**, 100 **\$12.50**, f.o.b.
PERFECTION—Bright red, rich flavor.
CHERRY—Very large, deep red.
FAY'S PROLIFIC—Bright red, very sweet, Portland, postage extra.

Rhubarb

Panama Rhubarb—Everbearing, growing continuously throughout the year. Frost will not kill it; more than twice the ordinary size; stems often 3 feet long and weighing 2 pounds. Uses less than half the sugar and should not be peeled. Roots are known as subdivisions. Each **35c**, doz. **\$3.75**, postpaid; 100 **\$30.00**, f. o. b. Portland.

Riverside Giant Rhubarb—An excellent quality, thin skin, crisp and tender, production averages 35 tons per acre for the season; cuttings begin in March, ending in July; usually four are made. Each **15c**, doz. **\$1.50**. 100 **\$7.50**, f. o. b. Portland.

Asparagus

Giant Washington Pedigreed Asparagus—The best ever produced, grown especially for us by one of our best growers. Plant in rows 5 feet apart, 15 inches apart in row, about 7500 plants to the acre. Complete description and cultural directions sent on request.

Price: No. 1 (formerly listed 2-year) plants, postpaid, doz. **50c**, 50 **\$1.00**, 100 **\$1.50**; by express or freight, not prepaid, 50 **90c**, 100 **\$1.25**, 1000 **\$8.00**.

Price: No. 2 (formerly listed 1-year) plants, postpaid, doz. **40c**, 50 **75c**, 100 **\$1.25**; by express or freight, not prepaid, 50 **60c**, 100 **\$1.00**, 1000 **\$6.00**. Write for quantity prices.

The Secret of the best results in growing flowers, vegetables, trees, lawns is Fertilizer!

Fertilizers are simply plant foods, administered more scientifically and in better proportions than they are provided in the natural soil. Horses, pigs, hens, birds and people do not thrive on the same diet, and the same is true of plant life. Wonders have been accomplished in transplanting plants of all kinds from all parts of the globe to our own gardens, but to get the BEST results we should add to the soil additional "foods" in order to force their growth and health to the highest degree.

A complete list of practical fertilizers is given below, but if more information is desired, write for our SPECIAL FERTILIZER BOOKLET. It is instructive, reliable, of great value, and is free.

Based on 30 years of tests, our Diamond Quality Mixed Fertilizers have been developed and have consistently been perfected. Full descriptions of each fertilizer are given below. The first figure in the formula is the per cent of nitrogen, the second figure the per cent of phosphorous and the third figure the per cent of potash.

Diamond Garden and Lawn Grower 4-7-3

Promotes a vigorous, healthy growth of the lawn, roses, shrubs, flowers and the home garden. Contains no weed seeds to cause trouble as is the case with manure. 100 lbs. is sufficient for a city lot. 10 lbs. **50c**, 100 lbs. **\$2.85**, ton **\$55.00**, f. o. b. Portland.

Diamond A General Vegetable Fertilizer 2-10-2

Our all-purpose fertilizer for use on any crop, especially prepared for grain and general farm crops. The base is bone meal and bone tankage with necessary chemical elements to make the formula. 10 lbs. **50c**, 100 lbs. **\$2.60**, ton **\$50.00**, f. o. b. Portland.

Diamond B Heavy Cropper Fertilizer 3-7-10

This fertilizer is mixed to give the best possible ratio of nitrogen, phosphorus and potash for heavy root crops and general garden truck. Especially fine for onions. A big favorite among the market gardeners. 10 lbs. **50c**, 100 lbs. **\$3**, ton **\$58**, f.o.b. Portland.

Diamond Fruit and Berry Fertilizer 4-6-8

Experience has proved this to be the best formula for all-around use with fruit trees and berries of all kinds, and especially including strawberries, on account of its high nitrogen content. 10 lbs. **50c**, 100 lbs. **\$3.10**, ton **\$60.00**, f. o. b. Portland.

Sheep Guano

A complete odorless fertilizer, containing nitrogen, phosphorus and potash; combined in nature's own way, and recommended for vegetables, flowers, roses, shrubs, lawns, plants, florists' use, etc. 100 lb. sack **\$1.35**, f. o. b. Portland. On larger quantities write for price.

Bone Meal

Finely ground, one of the best fertilizers. 10 lbs. **50c**, 100 lbs. **\$3.50**, f. o. b. Portland.

Tankage

Ground meat scraps and bone, very rich in phosphorus acid and nitrogen. 100 lbs. **\$3.25**, f. o. b. Portland.

Granulated Peat Moss

DIAMOND BRAND—Especially recommended for garden, greenhouse, pot plants, window boxes and for growing bulbs, etc. Excellent for clayey soils, light, sandy or gravelly soils and as a mulch on strawberry beds, perennial beds, etc. Adds humus to the soil, increasing its fertility and its ability to absorb and hold water and other plant foods. Should be used in all landscape gardening mixed with the soil and in all bulb beds. Comes in bales containing about 13 cubic feet and is used at the rate of a bale to 250 square feet. Price per bale **\$3.00**, also in sacks of about 30 lbs., reground, price per sack **\$1.25**, f. o. b. Portland.

Diamond Quality Tested Grass Seeds

The choicest new crop seeds, RECLEANED IN OUR SPECIAL CLEANING MACHINES IN OUR OWN WAREHOUSE AND TESTED FOR PURITY AND GERMINATION IN OUR OWN LABORATORY, the only exclusive commercial seed laboratory in Oregon. No one, unless he has visited our laboratory, can realize the painstaking study and tests, given grass seeds especially, by our Seed Analyst, co-operating closely with our recleaning department in order to give the very purest seed.

Our SPECIAL MIXTURES have been carefully worked out by the tests and observations of our practical experts familiar with the requirements and conditions to be met, and will give the best results possible to obtain for the uses recommended.

Note:—Prices on Grass Seeds are subject to change without notice

DIAMOND FANCY LAWN GRASS MIXTURE—Prepared from the choicest recleaned grass seeds, carefully selected for their fineness, their deep rooting, close growing habits and seasonable qualities; producing an ideal, dense velvety turf of lasting quality that remains green throughout the year. Sow one pound to 200 square feet. 1 lb. **60c**, 10 lbs. **\$5.50**, postpaid.

DIAMOND FANCY LAWN GRASS MIXTURE WITH WHITE CLOVER—This is our regular Diamond Mixture with the addition of white clover. 1 lb. **55c**, 10 lbs. **\$5.00**, postpaid.

DIAMOND FANCY LAWN GRASS MIXTURE WITH CREEPING BENT—This mixture has sufficient creeping bent to eventually dominate the lawn and crowd out the weeds, at the same time giving a fine velvety turf. Sow one pound to 200 square feet. 1 lb. **35c**, 10 lbs. **\$7.50**, postpaid.

DIAMOND PUTTING GREEN MIXTURE—For those who want a lawn like a putting green. Sow one pound to 200 square feet. 1 lb. **\$1.10**, 10 lbs. **\$10.00**, postpaid.

DIAMOND "LONGVIEW" GRASS MIXTURE—This is the mixture that we made up especially for the sandy soil at Longview, one of the finest and most lasting turfs in the Northwest. 1 lb. **80c**, 10 lbs. **\$7.00**, postpaid.

DIAMOND SHADY LAWN MIXTURE—Especially selected for producing a fine velvety lawn under firs and shade trees where most grasses do not thrive. 1 lb. **\$1.00**, 10 lbs. **\$9.00**, postpaid.

FINE MIXED LAWN GRASS—A good clean mixture for general use. Makes a quick lawn and if kept cut will be lasting. 1 lb. **50c**, 10 lbs. **\$4.00**.

In addition to the grass seeds above we carry all other varieties for lawns, pastures and hay, also clover and alfalfa. Write for prices if interested. We make a specialty of assembling combinations of seeds suited to any soil and conditions for golf courses, etc. We invite correspondence and specifications for bids.

PACIFIC CREEPING BENT GRASS (Agrostis Maritima)—Grown on this coast, acclimated to this country and especially recommended for golf courses. It makes an exceptionally fine turf that smothers out weeds. 1 lb. **\$1.75**, 10 lbs. **\$15.00**, postpaid.

IMPORTED CREEPING BENT GRASS—1 lb. **\$1.25**, 10 lbs. **\$10.00**, postpaid.

RED TOP GRASS—Especially recommended for use with other grass seeds as a nurse crop. Comes up very quickly and protects the other more tender grasses. 1 lb. **40c**, 10 lbs. **\$3.50**, postpaid.

CHEWING FESQUE—A low growing grass, forming a very close turf, good for all kinds of soils, even the driest. 1 lb. **50c**, 10 lbs. **\$4.00**, postpaid.

ENGLISH RYE GRASS—Short seeded; sow thickly for fine lawns and parks. 1 lb. **25c**, 10 lbs. **\$1.80**, postpaid.

KENTUCKY BLUE GRASS—A very hardy grass for lawns, of fine appearance. 1 lb. **55c**, 10 lbs. **\$5.00**, postpaid.

WHITE DUTCH CLOVER—Diamond Fancy, especially selected for lawns, the very finest grade. 1 lb. **65c**, 10 lbs. **\$6.00**, postpaid.

Plant a Few Dwarf

Fruit Trees

Dwarf fruit trees take up much less space than the larger trees and come into bearing more quickly as the trees are older when delivered. For home planting they are especially desirable. Easier to gather the fruit and easier to care for, spray, etc.

Price each
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